Catalogue No. 16.

NATIONAL WIRE AND LANTERN WORKS,

Warehouse, 45 FULTON ST., NEW YORK.

[Manufactory, Nos. 1197, 1199, 1201, 1203, 1205, 1207, 1209 & 1211 DeKalb Avenue, Brooklyn, N. Y.]

ESTABLISHED 1856.

HOWARD & MORSE,

MANUFACTURERS OF

BRASS, COPPER & IRON WIRE CLOTH

ALSO,

CALIFORNIA WIRE WORKS CO.

No. 10 California Street,

SAN FRANCISCO,

CAL.

RIDDLES, COAL AND SAND SCREENS,

IRON AND STEEL LOCOMOTIVE SPARK WIRE CLOTH,

WIRE CLOTH FOR SUGAR, MILK AND ROSIN STRAINERS,

Dutch Wire Cloth, Square Wire Smut Cloth, Wire Bolting Cloth,

Wire Work, Wire Fence, Railing and Guards,

ALSO

SHIP AND RAILROAD LANTERS,

ADJUSTABLE GLOBE LANTERNS, SIGNAL LIGHTS, CONDUCTORS' LANTERNS, &c.

HENRY W. TURNER, Steam Mercantile Job Printer, 109 Nassau St., N. Y.

Nestlev
1/77

TERMS, ETC.

All bills not paid during the month following the purchase will be drawn for at two days' sight. When a longer time is agreed upon, interest must in all instances be added from date (or average date) of invoice.

All Prices subject to the market changes without notice.

When ordering Wire Cloth, please be particular and give the width, length and size of Wire, or grade wanted, as we cannot exchange Wire Cloth after being cut from the roll.

Strangers or persons not engaged in regular business must give City reference or send remittance when ordering.

No Goods will be sent by Express C. O. D., unless a remittance of not less than 50 per cent. is received before shipment.

No goods made to order for strangers until a deposit of 50 per cent. has been made.

Package and Cartage will in all instances be charged at cost.

HOWARD & MORSE.

National Wire and Lantern Works,

ESTABLISHED 1856.

Warehouse, 45 FULTON STREET, NEW YORK.

MANUFACTORY:

Nos. 1197, 1199, 1201, 1203, 1205, 1207, 1209 & 1211 DeKalb Ave., B'kl'n, N.Y

HOWARD & MORSE,

MANUFACTURERS OF

Brass, Copper & Iron Wire Cloth,

RIDDLES, COAL AND SAND SCREENS,

IRON AND STEEL LOCOMOTIVE SPARK WIRE CLOTH,

Wire Cloth for Sugar, Milk and Rosin Strainers,

Dutch Wire Cloth, Square Wire Smut Cloth, Wire Bolting Cloth.

WIRE WORK,

WIRE FENCE, RAILING & GUARDS,

ALSO

SHIP AND RAILROAD LANTERNS,

ADJUSTABLE GLOBE LANTERNS,

SIGNAL LIGHTS, CONDUCTORS' LANTERNS, &c.

JOHN W. HOWARD. DAVID R. MORSE.

PAP V04_B564
09-09-2004
TJCAT
1880

Office National Wire and Lantern Works,

No. 45 FULTON STREET, NEW YORK.

Dear Sir:

In submitting this Catalogue and Price List, we would call particular attention to the Great Reduction in the Prices. Every article here enumerated is warranted to be first-class, both as to material and workmanship. The designs submitted for inspection are, of course, only samples of the different descriptions. We earnestly invite the Public generally to visit our establishment, even though it should not result in an immediate purchase. The Goods (excepting Wire, Rope, Sash Cord, Cast Iron Stable Fixtures, and Iron Wire, for which we are Manufacturers' Agents), being manufactured on our premises, and under the immediate charge of Mr. Howard, who, with an experience of forty-one years, enables us to produce goods, second, as to price and quality, to no other house in the trade. Our Factory in Brooklyn and the New York Store being connected by a private telegraph line, enables us to execute orders without delay. Returning thanks for past favors, we solicit a continuance of your patronage, assuring you that all orders will receive our prompt attention.

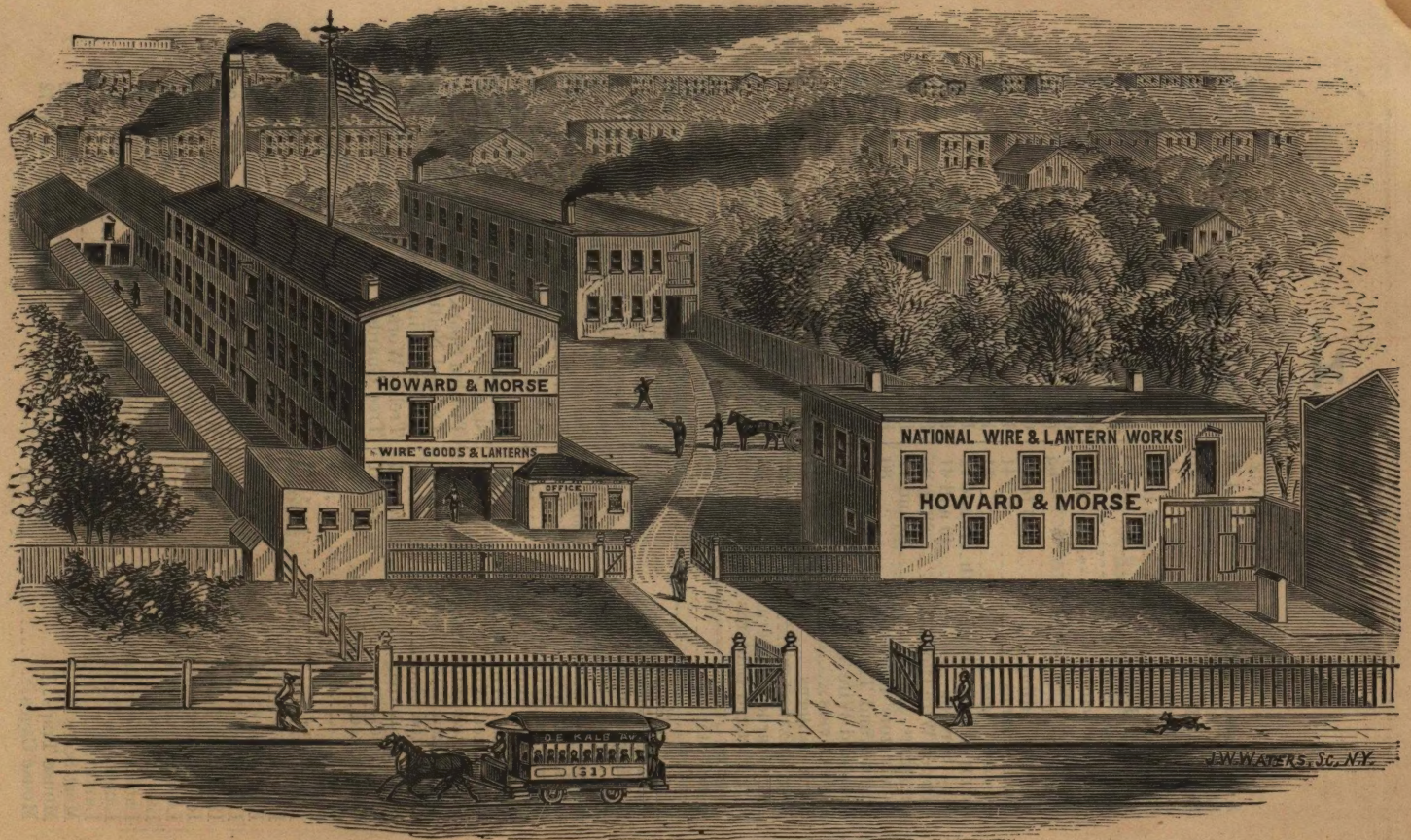
Very respectfully yours,

HOWARD & MORSE.

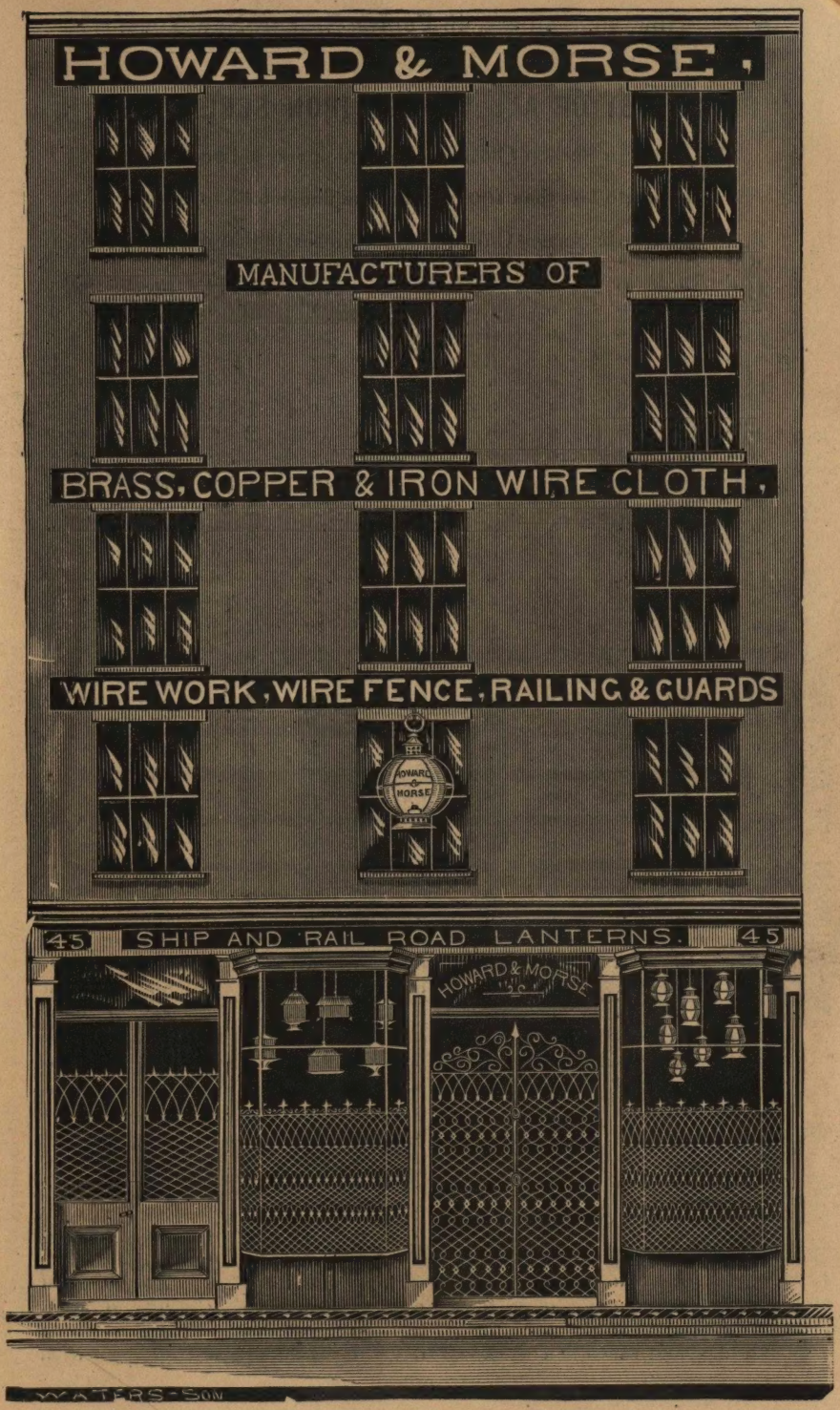
INDEX.

	PAGE.
Arbors and Arches	29 and 30
Brass Wire Cloth	22 to 25
Brass Riddles	40
Brass Sieves	41
Brass Lanterns	78 to 84
Bowsprit Light	78
Beef Steak Broiler	39
Binnacle Lamps	78
Breeding Cages	51
Brass Fenders	28
Counter Railing	53 to 55
Clothes Lines	41
Canary Cages	51
Crimped Spark Wire Cloth	10 and 11
Coal Screens	40 and 41
Copper Wire Cloth	23 to 25
Crestings	76 and 77
Conductors' Lanterns	80
Drainer and Tray	79
Diamond Wire Work	34
Dish Covers	47
Dark Lanterns	81
Dog Muzzles	33
Egg Guarded Lanterns	83
Egg Flanged Lanterns	83
Fencing	57 to 66
Fence Staples	27
Fenders	28
Flat Iron Guard	67
Fountain Baskets	34
Folding Fenders	28
Fire Guards	28
Flower Pot Stands	35 to 37
Garden Arches	29 and 30
Galvanized Wire Netting	26
Galvanized Wire Cloth	8 to 18
Galvanized Wire Fence	27
Galvanized Wire	45
Galvanized Wire Settee	31
Galvanized Wire Chair	31
Galvanized Stool	31
Globe Lanterns	82 to 84
Gravel Screens	40 and 41
Galvanized Engine Lamps	79
Glass	84
Hurdles	64
Hand Lanterns	80 to 84
Iron Wire	45
Iron Wire Cloth	8 to 22
Iron Wire Work	28 to 38
Iron Wire Fence	57 to 67
Ice Pitcher Stand	31
Locomotive Spark Wire Cloth	10
Lawn Fence	66
Ladies' Work Basket	31
Landscape Window Screens	48 to 51
Lanterns	78 to 84
Meat Safes	43
Mouse Traps	42 and 46
Mouse Cages	51

	PAGE.
Moss Baskets	38
Mocking Bird Cages	51
Miners' Safety Lamps	83
Nursery Fenders	28
Navy Regulation Lights	78
Ornamental Wire Fence	57 to 67
Ox Muzzles	33
Oyster Broilers	39
Oilers	79
Oblong Dish Covers	47
Office Railing	53 to 63
Police Lanterns	81
Parrot Cages	51
Provision Safes	43
Port Side Lights	78
Rose Trainers	31
Rat Traps	42
Roach Traps	46
Riddles	40
Robin Cages	51
Rice Wire Cloth	12
Roof Crestings	76 and 77
Running Lights	78
Riddle Grade Wire Cloth	14
Sand Screens	40
Spark Guards	28
Sieves	41
Squirrel Cages	51
Signal Lights	78
Spark Wire Cloths	10 and 11
Square Wire Smut Cloth	12
Starboard Side Lights	78
Settee	31
Sugar Wire Cloth	25
Stall Partitions	69 to 72
Star Lantern	80 and 81
Summer House	29
Stable Fixtures	68 to 77
Twilled Spark Wire Cloth	11
Twisted Netting	26
Twisted Window Guards	57
Trellis Work	30
Tree Guards	30
Towel Rack	52
Umbrell Trainer	30
Wire Cloth	9 to 26
Window Screens	48 to 51
Wire Window Guards	57 to 67
Wire Fire Guards	28
Wire Fencing	57 to 67
Wire Fence Staples	27
Wire Sash Cord	39
Wire Rope	39 and 44
Wire Bolting Cloth	13
White Mortar Screen	40
Waste Paper Basket	31
White Mouse Cage	51
Wash Stands	52
Wire Stall Partitions	69 to 72



Manufactory Nos. 1197, 1199, 1201, 1203, 1205, 1207, 1209 & 1211 DeKalb Avenue, Brooklyn, N. Y.



New York Warehouse, 45 Fulton Street.

PRICE LIST OF ALL GRADES IRON SCREEN CLOTH.

The mesh in Screen Cloth means the space between the wires.

No length less than 100 feet shall be understood to be a Roll.

2½	in.	*Space* Iron Screen Cloth, made from	No. 000	Wire,	70c. pr. sq. ft.
"	"	"	00	"	60c. " " "
2¼	"	"	00	"	64c. " " "
"	"	"	0	"	55c. " " "
2	"	"	0	"	64c. " " "
"	"	"	1	"	55c. " " "
1¾	"	"	0	"	72c. " " "
"	"	"	1	"	64c. " " "
"	"	"	2	"	55c. " " "
"	"	"	3	"	46c. " " "
1½	"	"	1	"	64c. " " "
"	"	"	2	"	55c. " " "
"	"	"	3	"	46c. " " "
"	"	"	4	"	35c. " " "
1¼	"	"	2	"	64c. " " "
"	"	"	3	"	55c. " " "
"	"	"	4	"	46c. " " "
"	"	"	5	"	35c. " " "
1	"	"	3	"	64c. " " "
"	"	"	4	"	55c. " " "
"	"	"	5	"	46c " " "
"	"	"	6	"	35c. " " "
¾	"	"	4	"	64c. " " "
"	"	"	5	"	55c. " " "
"	"	"	6	"	46c. " " "
"	"	"	7	"	35c. " " "
⅝	"	"	5	"	64c. " " "
"	"	"	6	"	55c. " " "
"	"	"	7	"	46c. " " "
"	"	"	8	"	35c. " " "
"	"	"	9	"	33c. " " "
½	"	"	5	"	72c. " " "
"	"	"	6	"	64c. " " "
"	"	"	7	"	55c. " " "
"	"	"	8	"	46c. " " "
"	"	"	9	"	35c. " " "
"	"	"	10	"	33c. " " "
"	"	"	11	"	30c. " " "
⅜	"	"	9	"	45c. " " "
"	"	"	10	"	35c. " " "
"	"	"	11	"	33c. " " "
"	"	"	12	"	30c. " " "
¼	"	"	10	"	55c. " " "
"	"	"	11	"	45c. " " "
"	"	"	12	"	35c. " " "
"	"	"	13	"	33c. " " "
"	"	"	14	"	30c. " " "

REGULAR COAL SCREEN GRADE OF SCREEN CLOTH.

No length less than 100 feet shall be understood to be a Roll.

2½	inch	*Space*	made,	from	No.	000	Wire,	70	cents	per	square	foot.
2¼	"	"	"	"	"	00	"	64	"	"	"	"
2	"	"	"	"	"	0	"	64	"	"	"	"
1¾	"	"	"	"	"	0	"	72	"	"	"	"
1½	"	"	"	"	"	1	"	64	"	"	"	"
1¼	"	"	"	"	"	2	"	64	"	"	"	"
1	"	"	"	"	"	3	"	64	"	"	"	"
¾	"	"	"	"	"	6	"	46	"	"	"	"
⅝	"	"	"	"	"	8	"	33	"	"	"	"
½	"	"	"	"	"	10	"	33	"	"	"	"
⅜	"	"	"	"	"	11	"	33	"	"	"	"
¼	"	"	"	"	"	13	"	33	"	"	"	"

Wove Wire Window Guard Cloth.

No. 1 x 4 Mesh, No. 17 Wire.

(Above cut is drawn to gauge, showing full size of Wire and Mesh.)

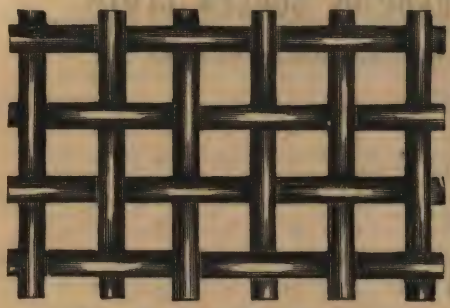
The above Wire Guard Cloth is made expressly as a protection to Church, School, and Factory Windows, against stones. It is woven and rolled, same as square mesh wire cloth. We furnish it in plain iron, or galvanize it after being made, which solders each wire where it crosses another, thereby adding greatly to its strength, durability and appearance.

Prices Wove Wire Window Guard Cloth.

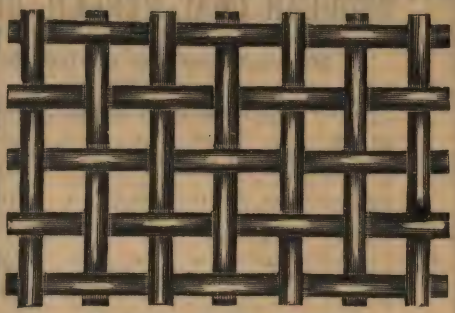
No length less than 100 feet shall be understood to be a Roll.

No. 1 x 4 Mesh, made from No. 17 Wire.....18 cents per sq. foot.

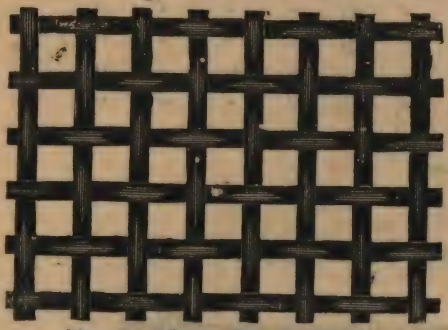
CRIMPED SPARK WIRE CLOTH FOR COAL BURNING LOCOMOTIVES



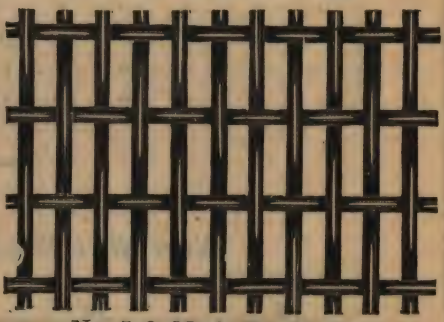
No. 2½, Mesh, No. 10 Wire.



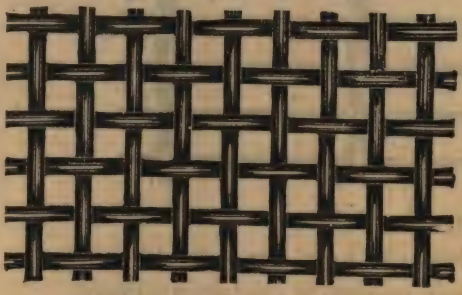
No. 3, Mesh, No. 11 Wire.



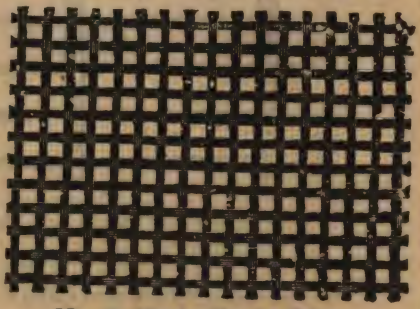
No. 3½, Mesh, No. 13 Wire.



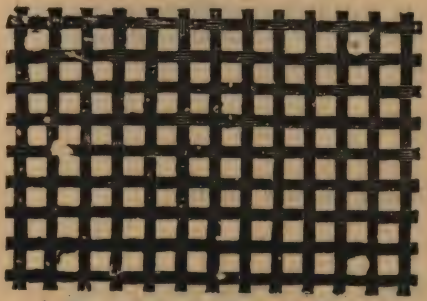
No. 5x2, Mesh, No. 14 Wire.



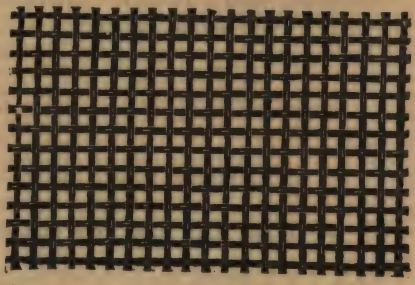
No. 4, Mesh, No. 14 Wire.



No. 8, Mesh, No. 18 Wire.



No. 6, Mesh, No. 16 Wire.



No. 10, Mesh, No. 19 Wire.

(Above Cuts are drawn to Gauge, showing full size of Wire and Mesh.)

PRICE LIST OF SPARK WIRE CLOTH.

No length less than 100 feet shall be understood to be a Roll.

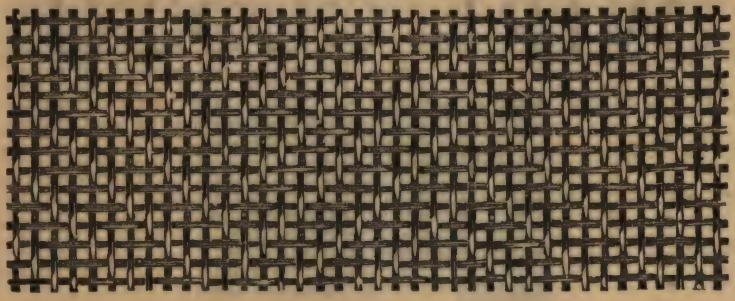
IRON CRIMPED SPARK WIRE CLOTH.

No.	2	Mesh,	9	Wire	.....	46	cents	per	square	foot.
"	2½	"	10	"	.....	46	"	"	"	"
"	3	"	11	"	.....	46	"	"	"	"
"	3	"	12	"	.....	35	"	"	"	"
"	3½	"	13	"	.....	35	"	"	"	"
"	4	"	14	"	.....	35	"	"	"	"
"	5x2	"	14	"	.....	35	"	"	"	"
"	5	"	15	"	.....	35	"	"	"	"
"	6	"	16	"	.....	35	"	"	"	"
"	8	"	18	"	.....	35	"	"	"	"
"	10	"	19	"	.....	38	"	"	"	"
"	12	"	20	"	.....	38	"	"	"	"

STEEL CRIMPED SPARK WIRE CLOTH.

Made to order, from Bessemer Steel Wire.

Twilled Spark Wire Cloth for Wood Burning Locomotives.



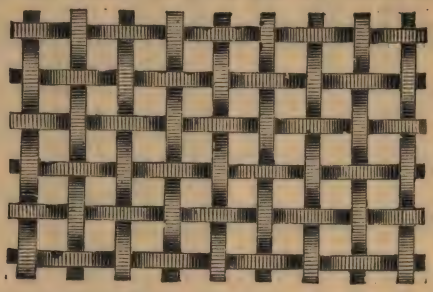
No. 10 Mesh Cloth. We make all Meshes from No. 4 to No. 12.

Price List of Twilled Spark Wire Cloth.

No length less than 100 feet shall be understood to be a Roll.

No.	4	Mesh,	17	Wire	.....	20	cents	per	square	foot.
"	5	"	18	"	.....	20	"	"	"	"
"	6	"	19	"	.....	20	"	"	"	"
"	8	"	21	"	.....	20	"	"	"	"
"	10	"	23	"	.....	20	"	"	"	"
"	12	"	24	"	.....	20	"	"	"	"

SQUARE WIRE SMUT CLOTH.



4 Mesh, Square Wire Smut Cloth.

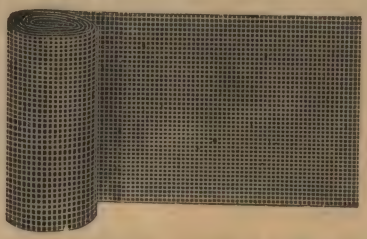
(Above cut is drawn to gauge, showing full size of Wire and Mesh.)

Price List of Square Wire Smut Cloth.

No length less than 100 feet shall be understood to be a Roll.

Nos. 4 to 10 Mesh, Extra Stout.....$ .75 per square foot.
" 4 to 10 " Steel Wire Stout..... 1.25 " " "

WIRE CLOTH.



Wire Cloth, partly unrolled.

Price List of Stout Rice Wire Cloth.

No length less than 100 feet shall be understood to be a Roll.

No. 8 Mesh, made from No. 20 Wire...24 cents per square foot.
" 10 " " " " 21 " ....26 " " " "
" 12 " " " " 22 " ....26 " " " "
" 14 " " " " 23 " ....26 " " " "
" 16 " " " " 24 " ....27 " " " "

Price-List of Heavy Steel Tempered Wire Bolting Cloth.

No length less than 100 feet shall be understood to be a Roll.

No.	30	Mesh,	made	from	No.	30	Wire	(Blued)	43	cents	per	square	ft.
"	40	"	"	"	"	33	"	"	48	"	"	"	"
"	50	"	"	"	"	35	"	"	57	"	"	"	"
"	60	"	"	"	"	36	"	"	68	"	"	"	"
"	64	"	"	"	"	37	"	"	75	"	"	"	"
"	70	"	"	"	"	38	"	"	80	"	"	"	"
"	74	"	"	"	"	39	"	"	90	"	"	"	"
"	80	"	"	"	"	40	"	"	105	"	"	"	"

This grade of cloth is wove and kept in stock 18 inches wide.

The increasing demand for HEAVY WIRE BOLTING CLOTH, has induced us to turn our attention more particularly to this branch of the business. The universal complaint and difficulty which every manufacturer has to contend with, is its liability to *rust;* this we have *overcome* most effectually, by coating it with a preparation (known only to ourselves) in such a manner that *no rust can touch it.* Aside from this advantage, we feel confident in saying, we *can* and *do* produce an article superior to any ever manufactured in this country. It is made of a *larger wire*, and *driven up square*, which, on an average, makes it equal to *ten meshes finer per square inch.*

Price-List of Machinery Grade Iron Wire Cloth.

No length less than 100 feet shall be understood to be a Roll.

No.	2	Mesh,	made	from	No.	12	Wire	.....	24	cents	per	square	ft.
"	$2\frac{1}{2}$	"	"	"	"	13	"	.....	24	"	"	"	"
"	3	"	"	"	"	14	"	.....	24	"	"	"	"
"	$3\frac{1}{2}$	"	"	"	"	15	"	.....	24	"	"	"	"
"	4	"	"	"	"	16	"	.....	24	"	"	"	"
"	5	"	"	"	"	17	"	.....	24	"	"	"	"
"	6	"	"	"	"	18	"	.....	24	"	"	"	"
"	8	"	"	"	"	20	"	.....	24	"	"	"	"
"	10	"	"	"	"	22	"	.....	24	"	"	"	"
"	12	"	"	"	"	23	"	.....	24	"	"	"	"
"	14	"	"	"	"	24	"	.....	24	"	"	"	"
"	16	"	"	"	"	25	"	.....	24	"	"	"	"
"	18	"	"	"	"	27	"	.....	24	"	"	"	"
"	20	"	"	"	"	29	"	.....	24	"	"	"	"

Price-List of Wire Window Screen Cloth.

No length less than 100 feet shall be understood to be a Roll.

Plain Green or Drab,	by	the	Roll	.....	7	cents	per	square	ft.
Figured,	"	"	"	.....	11	"	"	"	"
Landscape	"	"	"	1st	quality	..	35	"	"	"	"
"	"	"	"	2d	"	..	22	"	"	"	"

Price-List of Miners' Grade Iron Wire Cloth.

No length less than 100 feet shall be understood to be a Roll.

No. 2	Mesh,	made	from	No.	14	Wire	.....	17	cents	per	square	ft.
" 2½	"	"	"	"	15	"	.....	17	"	"	"	"
" 3	"	"	"	"	16	"	.....	17	"	"	"	"
" 3½	"	"	"	"	17	"	.....	17	"	"	"	"
" 4	"	"	"	"	18	"	.....	17	"	"	"	"
" 5	"	"	"	"	19	"	.....	17	"	"	"	"
" 6	"	"	"	"	20	"	.....	17	"	"	"	"
" 8	"	"	"	"	22	"	.....	17	"	"	"	"
" 10	"	"	"	"	24	"	.....	17	"	"	"	"
" 12	"	"	"	"	25	"	.....	17	"	"	"	"
" 14	"	"	"	"	26	"	.....	17	"	"	"	"
" 16	"	"	"	"	27	"	.....	17	"	"	"	"
" 18	"	"	"	"	29	"	.....	17	"	"	"	"
" 20	"	"	"	"	31	"	.....	17	"	"	"	"

Price-List of Riddle Grade Iron Wire Cloth.

No length less than 100 feet, shall be understood to be a Roll.

No. 2	Mesh,	made	from	No.	16	Wire	.....	12	cents	per	square	ft.
" 2½	"	"	"	"	17	"	.....	12	"	"	"	"
" 3	"	"	"	"	18	"	.....	12	"	"	"	"
" 3½	"	"	"	"	19	"	.....	12	"	"	"	"
" 4	"	"	"	"	20	"	.....	12	"	"	"	"
" 5	"	"	"	"	21	"	.....	12	"	"	"	"
" 6	"	"	"	"	22	"	.....	12	"	"	"	"
" 8	"	"	"	"	24	"	.....	12	"	"	"	"
" 10	"	"	"	"	26	"	.....	12	"	"	"	"
" 12	"	"	"	"	27	"	.....	12	"	"	"	"
" 14	"	"	"	"	29	"	.....	12	"	"	"	"
" 16	"	"	"	"	30	"	.....	12	"	"	"	"
" 18	"	"	"	"	32	"	.....	12	"	"	"	"
" 20	"	"	"	"	34	"	.....	12	"	"	"	"

Price List of Hardware Grade of Iron Wire Cloth.

No length less than 100 feet shall be understood to be a Roll.

No.	2	Mesh,	made	from	No.	17	Wire	.....	10	cents	per	square ft
"	2½	"	"	"	"	18	"	.....	10	"	"	"	"
"	3	"	"	"	"	19	"	.....	10	"	"	"	"
"	3½	"	"	"	"	20	"	.....	10	"	"	"	"
"	4	"	"	"	"	21	"	.....	10	"	"	"	"
"	5	"	"	"	"	22	"	.....	10	"	"	"	"
"	6	"	"	"	"	23	"	.....	10	"	"	"	"
"	8	"	"	"	"	25	"	.....	10	"	"	"	"
"	10	"	"	"	"	27	"	.....	10	"	"	"	"
"	12	"	"	"	"	28	"	.....	10	"	"	"	"
"	14	"	"	"	"	31	"	.....	10	"	"	"	"
"	16	"	"	"	"	32	"	.....	10	"	"	"	"
"	18	"	"	"	"	33	"	.....	10	"	"	"	"
"	20	"	"	"	"	35	"	.....	10	"	"	"	"

Price List of Light Grade Iron Wire Cloth.

No length less than 100 feet shall be understood to be a Roll.

No.	2	Mesh,	made	from	No.	18	Wire	.....	8	cents	per	square ft.
"	2½	"	"	"	"	19	"	.....	8	"	"	"	"
"	3	"	"	"	"	20	"	.....	8	"	"	"	"
"	3½	"	"	"	"	21	"	.....	8	"	"	"	"
"	4	"	"	"	"	22	"	.....	8	"	"	"	"
"	5	"	"	"	"	23	"	.....	8	"	"	"	"
"	6	"	"	"	"	24	"	.....	8	"	"	"	"
"	8	"	"	"	"	26	"	.....	8	"	"	"	"
"	10	"	"	"	"	28	"	.....	8	"	"	"	"
"	12	"	"	"	"	29	"	.....	8	"	"	"	"
"	14	"	"	"	"	33	"	.....	8	"	"	"	"
"	16	"	"	"	"	34	"	.....	8	"	"	"	"
"	18	"	"	"	"	35	"	.....	8	"	"	"	"
"	20	"	"	"	"	36	"	.....	8	"	"	"	"

PRICE LIST OF ALL GRADES IRON WIRE CLOTH.

No length less than 100 feet shall be understood to be a Roll.

The mesh in Wire Cloth is the distance from the Centre to the Centre of Wire.

No. 1 *mesh*	Iron	Wire	Cloth,	made	from	No.	3	Wire,	75c.	per	sq.	foot.
" "	"	"	"	"	"	"	"	"	4	"	64c.	"	"	"
" "	"	"	"	"	"	"	"	"	5	"	55c.	"	"	"
" "	"	"	"	"	"	"	"	"	6	"	46c.	"	"	"
" "	"	"	"	"	"	"	"	"	7	"	35c.	"	"	"
" "	"	"	"	"	"	"	"	"	8	"	27c.	"	"	"
" "	"	"	"	"	"	"	"	"	9	"	24c.	"	"	"
" "	"	"	"	"	"	"	"	"	10	"	20c.	"	"	"
" "	"	"	"	"	"	"	"	"	11	"	17c.	"	"	"
" "	"	"	"	"	"	"	"	"	12	"	14c.	"	"	"
" "	"	"	"	"	"	"	"	"	13	"	12c.	"	"	"
" "	"	"	"	"	"	"	"	"	14	"	10c.	"	"	"
" "	"	"	"	"	"	"	"	"	15	"	8c.	"	"	"
" $\frac{3}{4}$	"	"	"	"	"	"	"	"	4	"	75c.	"	"	"
" "	"	"	"	"	"	"	"	"	5	"	64c.	"	"	"
" "	"	"	"	"	"	"	"	"	6	"	55c.	"	"	"
" "	"	"	"	"	"	"	"	"	7	"	46c.	"	"	"
" "	"	"	"	"	"	"	"	"	8	"	35c.	"	"	"
" "	"	"	"	"	"	"	"	"	9	"	27c.	"	"	"
" "	"	"	"	"	"	"	"	"	10	"	24c.	"	"	"
" "	"	"	"	"	"	"	"	"	11	"	20c.	"	"	"
" "	"	"	"	"	"	"	"	"	12	"	17c.	"	"	"
" "	"	"	"	"	"	"	"	"	13	"	14c.	"	"	"
" "	"	"	"	"	"	"	"	"	14	"	12c.	"	"	"
" "	"	"	"	"	"	"	"	"	15	"	10c.	"	"	"
" "	"	"	"	"	"	"	"	"	16	"	8c.	"	"	"
" $\frac{5}{8}$	"	"	"	"	"	"	"	"	5	"	75c.	"	"	"
" "	"	"	"	"	"	"	"	"	6	"	64c.	"	"	"
" "	"	"	"	"	"	"	"	"	7	"	55c.	"	"	"
" "	"	"	"	"	"	"	"	"	8	"	46c.	"	"	"
" "	"	"	"	"	"	"	"	"	9	"	35c.	"	"	"
" "	"	"	"	"	"	"	"	"	10	"	27c.	"	"	"
" "	"	"	"	"	"	"	"	"	11	"	24c.	"	"	"
" "	"	"	"	"	"	"	"	"	12	"	20c.	"	"	"
" "	"	"	"	"	"	"	"	"	13	"	17c.	"	"	"
" "	"	"	"	"	"	"	"	"	14	"	14c.	"	"	"
" "	"	"	"	"	"	"	"	"	15	"	12c.	"	"	"
" "	"	"	"	"	"	"	"	"	16	"	10c.	"	"	"
" "	"	"	"	"	"	"	"	"	17	"	8c.	"	"	"
" 2	"	"	"	"	"	"	"	"	8	"	55c.	"	"	"
" "	"	"	"	"	"	"	"	"	9	"	46c.	"	"	"
" "	"	"	"	"	"	"	"	"	10	"	35c.	"	"	"
" "	"	"	"	"	"	"	"	"	11	"	27c.	"	"	"

Price List of Iron Wire Cloth.—Continued.

No length less than 100 feet shall be understood to be a Roll.

The Mesh in Wire Cloth is the distance from the centre to the centre of the Wire.

No.	2	*Mesh*	Iron	Wire	Cloth,	made	from	No.	12	Wire,	24c.	pr.	sq.	ft.
"	"	"	"	"	"	"	"	"	13	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	14	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	15	"	14c.	"	"	"
"	"	"	"	"	"	"	"	"	16	"	12c.	"	"	"
"	"	"	"	"	"	"	"	"	17	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	18	"	8c.	"	"	"
"	$2\frac{1}{2}$	"	"	"	"	"	"	"	9	"	55c.	"	"	"
"	"	"	"	"	"	"	"	"	10	"	46c.	"	"	"
"	"	"	"	"	"	"	"	"	11	"	35c.	"	"	"
"	"	"	"	"	"	"	"	"	12	"	27c.	"	"	"
"	"	"	"	"	"	"	"	"	13	"	24c.	"	"	"
"	"	"	"	"	"	"	"	"	14	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	15	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	16	"	14c.	"	"	"
"	"	"	"	"	"	"	"	"	17	"	12c.	"	"	"
"	"	"	"	"	"	"	"	"	18	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	19	"	8c.	"	"	"
"	3	"	"	"	"	"	"	"	10	"	55c.	"	"	"
"	"	"	"	"	"	"	"	"	11	"	46c.	"	"	"
"	"	"	"	"	"	"	"	"	12	"	35c.	"	"	"
"	"	"	"	"	"	"	"	"	13	"	27c.	"	"	"
"	"	"	"	"	"	"	"	"	14	"	24c.	"	"	"
"	"	"	"	"	"	"	"	"	15	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	16	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	17	"	14c.	"	"	"
"	"	"	"	"	"	"	"	"	18	"	12c.	"	"	"
"	"	"	"	"	"	"	"	"	19	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	20	"	8c.	"	"	"
"	$3\frac{1}{3}$	"	"	"	"	"	"	"	11	"	55c.	"	"	"
"	"	"	"	"	"	"	"	"	12	"	46c.	"	"	"
"	"	"	"	"	"	"	"	"	13	"	35c.	"	"	"
"	"	"	"	"	"	"	"	"	14	"	27c.	"	"	"
"	"	"	"	"	"	"	"	"	15	"	24c.	"	"	"
"	"	"	"	"	"	"	"	"	16	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	17	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	18	"	14c.	"	"	"
"	"	"	"	"	"	"	"	"	19	"	12c.	"	"	"
"	"	"	"	"	"	"	"	"	20	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	21	"	8c.	"	"	"
"	4	"	"	"	"	"	"	"	12	"	55c.	"	"	"
"	"	"	"	"	"	"	"	"	13	"	46c.	"	"	"
"	"	"	"	"	"	"	"	"	14	"	35c.	"	"	"
"	"	"	"	"	"	"	"	"	15	"	27c.	"	"	"
"	"	"	"	"	"	"	"	"	16	"	24c.	"	"	"

Price List of Iron Wire Cloth.—Continued.

No length less than 100 feet shall be understood to be a Roll.

The Mesh in Wire Cloth is the distance from the Centre to the Centre of the Wire.

No.	4	*Mesh*	Iron	Wire	Cloth,	made	from	No,	17	Wire,	20c.	pr.	sq.	ft.
"	"	"	"	"	"	"	"	"	18	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	19	"	14c.	"	"	"
"	"	"	"	"	"	"	"	"	20	"	12c.	"	"	"
"	"	"	"	"	"	"	"	"	21	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	22	"	8c.	"	"	"
"	4½	"	"	"	"	"	"	"	13	"	52c.	"	"	"
"	"	"	"	"	"	"	"	"	14	"	42c.	"	"	"
"	"	"	"	"	"	"	"	"	15	"	31c.	"	"	"
"	"	"	"	"	"	"	"	"	16	"	25c.	"	"	"
"	"	"	"	"	"	"	"	"	17	"	22c.	"	"	"
"	"	"	"	"	"	"	"	"	18	"	18c.	"	"	"
"	"	"	"	"	"	"	"	"	19	"	16c.	"	"	"
"	"	"	"	"	"	"	"	"	20	"	13c.	"	"	"
"	"	"	"	"	"	"	"	"	21	"	11c.	"	"	"
"	"	"	"	"	"	"	"	"	22	"	9c.	"	"	"
"	"	"	"	"	"	"	"	"	23	"	7c.	"	"	"
"	5	"	"	"	"	"	"	"	14	"	46c.	"	"	"
"	"	"	"	"	"	"	"	"	15	"	35c.	"	"	"
"	"	"	"	"	"	"	"	"	16	"	27c.	"	"	"
"	"	"	"	"	"	"	"	"	17	"	24c.	"	"	"
"	"	"	"	"	"	"	"	"	18	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	19	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	20	"	14c.	"	"	"
"	"	"	"	"	"	"	"	"	21	"	12c.	"	"	"
"	"	"	"	"	"	"	"	"	22	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	23	"	8c.	"	"	"
"	"	"	"	"	"	"	"	"	24	"	7c.	"	"	"
"	6	"	"	"	"	"	"	"	15	"	46c	"	"	"
"	"	"	"	"	"	"	"	"	16	"	35c.	"	"	"
"	"	"	"	"	"	"	"	"	17	"	27c.	"	"	"
"	"	"	"	"	"	"	"	"	18	"	24c.	"	"	"
"	"	"	"	"	"	"	"	"	19	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	20	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	21	"	14c.	"	"	"
"	"	"	"	"	"	"	"	"	22	"	12c.	"	"	"
"	"	"	"	"	"	"	"	"	23	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	24	"	8c.	"	"	"
"	7	"	"	"	"	"	"	"	25	"	7c.	"	"	"
"	"	"	"	"	"	"	"	"	16	"	46c.	"	"	"
"	"	"	"	"	"	"	"	"	17	"	35c.	"	"	"
"	"	"	"	"	"	"	"	"	18	"	27c.	"	"	"
"	"	"	"	"	"	"	"	"	19	"	24c.	"	"	"
"	"	"	"	"	"	"	"	"	20	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	21	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	22	"	14c.	"	"	"

PRICE LIST OF IRON WIRE CLOTH.—Continued.

No length less than 100 feet shall be understood to be a Roll.

The Mesh in Wire Cloth is the distance from the Centre to the Centre of the Wire.

No. 7 *Mesh* Iron Wire Cloth, made from No. 23 Wire, 12c. pr. sq. ft.

"	"	"	"	"	"	"	"	"	24	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	25	"	8c.	"	"	"
"	"	"	"	"	"	"	"	"	26	"	7c.	"	"	"
"	8	"	"	"	"	"	"	"	17	"	46c.	"	"	"
"	"	"	"	"	"	"	"	"	18	"	35c.	"	"	"
"	"	"	"	"	"	"	"	"	19	"	27c.	"	"	"
"	"	"	"	"	"	"	"	"	20	"	24c.	"	"	"
"	"	"	"	"	"	"	"	"	21	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	22	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	23	"	14c.	"	"	"
"	"	"	"	"	"	"	"	"	24	"	12c.	"	"	"
"	"	"	"	"	"	"	"	"	25	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	26	"	8c.	"	"	"
"	"	"	"	"	"	"	"	"	27	"	7c.	"	"	"
"	9	"	"	"	"	"	"	"	18	"	46c.	"	"	"
"	"	"	"	"	"	"	"	"	19	"	35c.	"	"	"
"	"	"	"	"	"	"	"	"	20	"	27c.	"	"	"
"	"	"	"	"	"	"	"	"	21	"	24c.	"	"	"
"	"	"	"	"	"	"	"	"	22	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	23	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	24	"	14c.	"	"	"
"	"	"	"	"	"	"	"	"	25	"	12c.	"	"	"
"	"	"	"	"	"	"	"	"	26	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	27	"	8c.	"	"	"
"	"	"	"	"	"	"	"	"	28	"	7c.	"	"	"
"	10	"	"	"	"	"	"	"	19	"	38c.	"	"	"
"	"	"	"	"	"	"	"	"	20	"	30c.	"	"	"
"	"	"	"	"	"	"	"	"	21	"	27c.	"	"	"
"	"	"	"	"	"	"	"	"	22	"	24c	"	"	"
"	"	"	"	"	"	"	"	"	23	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	24	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	25	"	14c	"	"	"
"	"	"	"	"	"	"	"	"	26	"	12c	"	"	"
"	"	"	"	"	"	"	"	"	27	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	28	"	8c.	"	"	"
"	"	"	"	"	"	"	"	"	29	"	7c.	"	"	"
"	12	"	"	"	"	"	"	"	20	"	38c.	"	"	"
"	"	"	"	"	"	"	"	"	21	"	30c.	"	"	"
"	"	"	"	"	"	"	"	"	22	"	27c.	"	"	"
"	"	"	"	"	"	"	"	"	23	"	24c.	"	"	"
"	"	"	"	"	"	"	"	"	24	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	25	"	17c.	"	"	"

PRICE LIST OF IRON WIRE CLOTH.—Continued.

No length less than 100 feet shall be understood to be a Roll.

The Mesh in Wire Cloth is the distance from the Centre to the Centre of the Wire.

No.	12	*Mesh*	Iron	Wire	Cloth,	made	from	No.	26	Wire,	14c.	pr.	sq.	ft.
"	"	"	"	"	"	"	"	"	27	"	12c.	"	"	"
"	"	"	"	"	"	"	"	"	28	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	29	"	8c.	"	"	"
"	"	"	"	"	"	"	"	"	30	"	7c.	"	"	"
"	14	"	"	"	"	"	"	"	21	"	38c.	"	"	"
"	"	"	"	"	"	"	"	"	22	"	30c.	"	"	"
"	"	"	"	"	"	"	"	"	23	"	27c.	"	"	"
"	"	"	"	"	"	"	"	"	24	"	24c.	"	"	"
"	"	"	"	"	"	"	"	"	25	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	26	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	27	"	15c.	"	"	"
"	"	"	"	"	"	"	"	"	28	"	13c.	"	"	"
"	"	"	"	"	"	"	"	"	29	"	12c.	"	"	"
"	"	"	"	"	"	"	"	"	30	"	11c.	"	"	"
"	"	"	"	"	"	"	"	"	31	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	32	"	9c.	"	"	"
"	"	"	"	"	"	"	"	"	33	"	8c.	"	"	"
"	"	"	"	"	"	"	"	"	34	"	7c.	"	"	"
"	16	"	"	"	"	"	"	"	23	"	38c.	"	"	"
"	"	"	"	"	"	"	"	"	24	"	30c.	"	"	"
"	"	"	"	"	"	"	"	"	25	"	24c.	"	"	"
"	"	"	"	"	"	"	"	"	26	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	27	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	28	"	15c.	"	"	"
"	"	"	"	"	"	"	"	"	29	"	13c	"	"	"
"	"	"	"	"	"	"	"	"	30	"	12c.	"	"	"
"	"	"	"	"	"	"	"	"	31	"	11c.	"	"	"
"	"	"	"	"	"	"	"	"	32	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	33	"	9c.	"	"	"
"	"	"	"	"	"	"	"	"	34	"	8c.	"	"	"
"	"	"	"	"	"	"	"	"	35	"	7c.	"	"	"
"	18	"	"	"	"	"	"	"	25	"	38c.	"	"	"
"	"	"	"	"	"	"	"	"	26	"	30c.	"	"	"
"	"	"	"	"	"	"	"	"	27	"	24c.	"	"	"
"	"	"	"	"	"	"	"	"	28	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	29	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	30	"	15c	"	"	"
"	"	"	"	"	"	"	"	"	31	"	13c.	"	"	"
"	"	"	"	"	"	"	"	"	32	"	12c.	"	"	"
"	"	"	"	"	"	"	"	"	33	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	34	"	9c.	"	"	"
"	"	"	"	"	"	"	"	"	35	"	8c.	"	"	"
"	"	"	"	"	"	"	"	"	36	"	7c.	"	"	"
"	20	"	"	"	"	"	"	"	27	"	35c.	"	"	"
"	"	"	"	"	"	"	"	"	28	"	27c.	"	"	"

Price List of Iron Wire Cloth.—Continued.

No length less than 100 feet shall be understood to be a Roll.

The Mesh in Wire Cloth is the distance from the Centre to the Centre of the Wire.

No.	20	*Mesh*	Iron	Wire	Cloth,	made	from	No.	29	Wire,	24c.	pr.	sq.	ft.
"	"	"	"	"	"	"	"	"	30	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	31	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	32	"	15c.	"	"	"
"	"	"	"	"	"	"	"	"	33	"	13c.	"	"	"
"	"	"	"	"	"	"	"	"	34	"	12c.	"	"	"
"	"	"	"	"	"	"	"	"	35	"	10c.	"	"	"
"	"	"	"	"	"	"	"	"	36	"	8c.	"	"	"
"	22	"	"	"	"	"	"	"	28	"	36c.	"	"	"
"	"	"	"	"	"	"	"	"	29	"	29c.	"	"	"
"	"	"	"	"	"	"	"	"	30	"	26c.	"	"	"
"	"	"	"	"	"	"	"	"	31	"	22c.	"	"	"
"	"	"	"	"	"	"	"	"	32	"	19c.	"	"	"
"	"	"	"	"	"	"	"	"	33	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	34	"	15c.	"	"	"
"	"	"	"	"	"	"	"	"	35	"	14c.	"	"	"
"	"	"	"	"	"	"	"	"	36	"	12c.	"	"	"
"	24	"	"	"	"	"	"	"	29	"	36c.	"	"	"
"	"	"	"	"	"	"	"	"	30	"	29c.	"	"	"
"	"	"	"	"	"	"	"	"	31	"	26c.	"	"	"
"	"	"	"	"	"	"	"	"	32	"	22c.	"	"	"
"	"	"	"	"	"	"	"	"	33	"	19c.	"	"	"
"	"	"	"	"	"	"	"	"	34	"	17c.	"	"	"
"	"	"	"	"	"	"	"	"	35	"	15c.	"	"	"
"	"	"	"	"	"	"	"	"	36	"	14c.	"	"	"
"	30	"	"	"	"	"	"	"	30	"	43c.	"	"	"
"	"	"	"	"	"	"	"	"	31	"	36c.	"	"	"
"	"	"	"	"	"	"	"	"	32	"	30c.	"	"	"
"	"	"	"	"	"	"	"	"	33	"	26c.	"	"	"
"	"	"	"	"	"	"	"	"	34	"	22c.	"	"	"
"	"	"	"	"	"	"	"	"	35	"	20c.	"	"	"
"	"	"	"	"	"	"	"	"	36	"	19c.	"	"	"
"	40	"	"	"	"	"	"	"	33	"	48c.	"	"	"
"	"	"	"	"	"	"	"	"	34	"	44c.	"	"	"
"	"	"	"	"	"	"	"	"	35	"	40c.	"	"	"
"	"	"	"	"	"	"	"	"	36	"	36c.	"	"	"
"	"	"	"	"	"	"	"	"	37	"	32c.	"	"	"
"	50	"	"	"	"	"	"	"	35	"	57c.	"	"	"
"	"	"	"	"	"	"	"	"	36	"	52c.	"	"	"
"	"	"	"	"	"	"	"	"	37	"	48c.	"	"	"
"	"	"	"	"	"	"	"	"	38	"	44c.	"	"	"
"	60	"	"	"	"	"	"	"	36	"	68c.	"	"	"
"	"	"	"	"	"	"	"	"	37	"	64c.	"	"	"
"	"	"	"	"	"	"	"	"	38	"	60c.	"	"	"
"	"	"	"	"	"	"	"	"	39	"	58c.	"	"	"

Price List of Iron Wire Cloth.—Continued.

No length less than 100 feet shall be understood to be a Roll.

The Mesh in Wire Cloth is the distance from the Centre to the Centre of the Wire.

No.	64	Mesh	Iron	Wire	Cloth,	made	from	No.	37	Wire,	75c.	pr.	sq	ft.
"	"	"	"	"	"	"	"	"	38	"	70	"	"	"
"	"	"	"	"	"	"	"	"	39	"	65	"	"	"
"	70	"	"	"	"	"	"	"	38	"	80	"	"	"
"	"	"	"	"	"	"	"	"	39	"	75	"	"	"
"	74	"	"	"	"	"	"	"	39	"	90	"	"	"
"	"	"	"	"	"	"	"	"	40	"	85	"	"	"
"	80	"	"	"	"	"	"	"	40	"	1.05	"	"	"
"	"	"	"	"	"	"	"	"	41	"	1.00	"	"	"

PRICE LIST
OF
Regular Market Grade of Brass Wire Cloth.

No length less than 100 feet shall be understood to be a Roll.

The Mesh in Wire Cloth is the distance from the Centre to the Centre of the Wire.

No.	2	Mesh	Brass	Wire	Cloth,	from	No.	16	Wire,	$0	50	per	sq.	ft.
"	3	"	"	"	"	"	"	17	"		50	"	"	"
"	4	"	"	"	"	"	"	18	"		50	"	"	"
"	5	"	"	"	"	"	"	19	"		50	"	"	"
"	6	"	"	"	"	"	"	20	"		50	"	"	"
"	8	"	"	"	"	"	"	22	"		50	"	"	"
"	10	"	"	"	"	"	"	23	"		50	"	"	"
"	12	"	"	"	"	"	"	24	"		50	"	"	"
"	14	"	"	"	"	"	"	25	"		50	"	"	"
"	16	"	"	"	"	"	"	26	"		50	"	"	"
"	18	"	"	"	"	"	"	27	"		50	"	"	"
"	20	"	"	"	"	"	"	28	"		50	"	"	"
"	22	"	"	"	"	"	"	29	"		50	"	"	"
"	24	"	"	"	"	"	"	30	"		50	"	"	"
"	30	"	"	"	"	"	"	31	"		52	"	"	"
"	40	"	"	"	"	"	"	33	"		55	"	"	"
"	50	"	"	"	"	"	"	35	"		58	"	"	"
"	60	"	"	"	"	"	"	36	"		60	"	"	"
"	70	"	"	"	"	"	"	37	"		70	"	"	"
"	80	"	"	"	"	"	"	38	"		90	"	"	"
"	90	"	"	"	"	"	"	39	"	1	00	"	"	"
"	100	"	"	"	"	"	"	40	"	1	15	"	"	"

BRASS MILK STRAINER WIRE CLOTH.

By the quantity.....16 cents per square foot, *Net Cash.*
Less than 1,000 feet at an order, 18 " " " "

BRASS
AND
COPPER WIRE CLOTH.
MANUFACTURERS' PRICE LIST.

The mesh in Wire Cloth is the distance from the Centre to the Centre of the wire.

No length less than 100 feet shall be understood to be a Roll of any kind, grade, or quality of Wire Cloth.

No.	2	*Mesh*	Brass	Wire	Cloth,	from	No.	12	Wire,	$1	50	pr.	sq.	ft
"	"	"	"	"	"	"	"	13	"	1	10	"	"	"
"	"	"	"	"	"	"	"	14	"		80	"	"	"
"	"	"	"	"	"	"	"	15	"		60	"	"	"
"	"	"	"	"	"	"	"	16	"		50	"	"	"
"	3	"	"	"	"	"	"	13	"	1	50	"	"	"
"	"	"	"	"	"	"	"	14	"	1	10	"	"	"
"	"	"	"	"	"	"	"	15	"		80	"	"	"
"	"	"	"	"	"	"	"	16	"		60	"	"	"
"	"	"	"	"	"	"	"	17	"		50	"	"	"
"	"	"	"	"	"	"	"	18	"		45	"	"	"
"	4	"	"	"	"	"	"	14	"	1	50	"	"	"
"	"	"	"	"	"	"	"	15	"	1	10	"	"	"
"	"	"	"	"	"	"	"	16	"		80	"	"	"
"	"	"	"	"	"	"	"	17	"		60	"	"	"
"	"	"	"	"	"	"	"	18	"		50	"	"	"
"	"	"	"	"	"	"	"	19	"		45	"	"	"
"	5	"	"	"	"	"	"	15	"	1	50	"	"	"
"	"	"	"	"	"	"	"	16	"	1	10	"	"	"
"	"	"	"	"	"	"	"	17	"		80	"	"	"
"	"	"	"	"	"	"	"	18	"		60	"	"	"
"	"	"	"	"	"	"	"	19	"		50	"	"	"
"	"	"	"	"	"	"	"	20	"		45	"	"	"
"	6	"	"	"	"	"	"	16	"	1	50	"	"	"
"	"	"	"	"	"	"	"	17	"	1	10	"	"	"
"	"	"	"	"	"	"	"	18	"		80	"	"	"
"	"	"	"	"	"	"	"	19	"		60	"	"	"
"	"	"	"	"	"	"	"	20	"		50	"	"	"
"	"	"	"	"	"	"	"	21	"		45	"	"	"
"	8	"	"	"	"	"	"	18	"	1	50	"	"	"
"	"	"	"	"	"	"	"	19	"	1	10	"	"	"
"	"	"	"	"	"	"	"	20	"		80	"	"	"
"	"	"	"	"	"	"	"	21	"		60	"	"	"
"	"	"	"	"	"	"	"	22	"		50	"	"	"
"	"	"	"	"	"	"	"	23	"		45	"	"	"
"	"	"	"	"	"	"	"	24	"		40	"	"	"

Price List of Brass and Copper Wire Cloth.—Continued.

The Mesh in Wire Cloth is the distance from the Centre to the Centre of the Wire.

No length less than 100 feet shall be understood to be a Roll of any kind, grade or quality of Wire Cloth.

No.	10	*Mesh*	Brass	Wire	Cloth,	from	No.	19	Wire,	$1	50	pr.	sq.	ft.
"	"	"	"	"	"	"	"	20	"	1	10	"	"	"
"	"	"	"	"	"	"	"	21	"		80	"	"	"
"	"	"	"	"	"	"	"	22	"		60	"	"	"
"	"	"	"	"	"	"	"	23	"		50	"	"	"
"	"	"	"	"	"	"	"	24	"		45	"	"	"
"	"	"	"	"	"	"	"	25	"		40	"	"	"
"	12	"	"	"	"	"	"	20	"	1	50	"	"	"
"	"	"	"	"	"	"	"	21	"	1	10	"	"	"
"	"	"	"	"	"	"	"	22	"		80	"	"	"
"	"	"	"	"	"	"	"	23	"		60	"	"	"
"	"	"	"	"	"	"	"	24	"		50	"	"	"
"	"	"	"	"	"	"	"	25	"		45	"	"	"
"	"	"	"	"	"	"	"	26	"		40	"	"	"
"	14	"	"	"	"	"	"	22	"	1	10	"	"	"
"	"	"	"	"	"	"	"	23	"		80	"	"	"
"	"	"	"	"	"	"	"	24	"		60	"	"	"
"	"	"	"	"	"	"	"	25	"		50	"	"	"
"	"	"	"	"	"	"	"	26	"		45	"	"	"
"	"	"	"	"	"	"	"	27	"		40	"	"	"
"	"	"	"	"	"	"	"	28	"		35	"	"	"
"	16	"	"	"	"	"	"	24	"		80	"	"	"
"	"	"	"	"	"	"	"	25	"		60	"	"	"
"	"	"	"	"	"	"	"	26	"		50	"	"	"
"	"	"	"	"	"	"	"	27	"		45	"	"	"
"	"	"	"	"	"	"	"	28	"		40	"	"	"
"	"	"	"	"	"	"	"	29	"		35	"	"	"
"	"	"	"	"	"	"	"	30	"		30	"	"	"
"	18	"	"	"	"	"	"	25	"		80	"	"	"
"	"	"	"	"	"	"	"	26	"		60	"	"	"
"	"	"	"	"	"	"	"	27	"		50	"	"	"
"	"	"	"	"	"	"	"	28	"		45	"	"	"
"	"	"	"	"	"	"	"	29	"		40	"	"	"
"	"	"	"	"	"	"	"	30	"		35	"	"	"
"	"	"	"	"	"	"	"	31	"		30	"	"	"
"	20	"	"	"	"	"	"	26	"		80	"	"	"
"	"	"	"	"	"	"	"	27	"		60	"	"	"
"	"	"	"	"	"	"	"	28	"		50	"	"	"
"	"	"	"	"	"	"	"	29	"		45	"	"	"
"	"	"	"	"	"	"	"	30	"		40	"	"	"
"	"	"	"	"	"	"	"	31	"		35	"	"	"
"	"	"	"	"	"	"	"	32	"		30	"	"	"
"	"	"	"	"	"	"	"	33	"		27	"	"	"
"	"	"	"	"	"	"	"	34	"		25	"	"	"

Price List of Brass and Copper Wire Cloth.—Continued.

The Mesh in Wire Cloth is the distance from the Centre to the Centre of the Wire.

No length less than 100 feet shall be understood to be a Roll.

No.	22	*Mesh*	Brass	Wire	Cloth,	from	No.	27	Wire,	80c.	per	square	ft.
"	"	"	"	"	"	"	"	28	"	60c.	"	"	"
"	"	"	"	"	"	"	"	29	"	50c.	"	"	"
"	"	"	"	"	"	"	"	30	"	45c.	"	"	"
"	"	"	"	"	"	"	"	31	"	40c.	"	"	"
"	"	"	"	"	"	"	"	32	"	35c.	"	"	"
"	"	"	"	"	"	"	"	33	"	30c.	"	"	"
"	"	"	"	"	"	"	"	34	"	27c.	"	"	"
"	24	"	"	"	"	"	"	28	"	80c.	"	"	"
"	"	"	"	"	"	"	"	29	"	60c.	"	"	"
"	"	"	"	"	"	"	"	30	"	50c.	"	"	"
"	"	"	"	"	"	"	"	31	"	45c.	"	"	"
"	"	"	"	"	"	"	"	32	"	40c.	"	"	"
"	"	"	"	"	"	"	"	33	"	35c.	"	"	"
"	"	"	"	"	"	"	"	34	"	30c.	"	"	"
"	"	"	"	"	"	"	"	35	"	27c.	"	"	"
"	30	"	"	"	"	"	"	30	"	65c.	"	"	"
"	"	"	"	"	"	"	"	31	"	52c.	"	"	"
"	"	"	"	"	"	"	"	32	"	47c.	"	"	"
"	"	"	"	"	"	"	"	33	"	42c.	"	"	"
"	"	"	"	"	"	"	"	34	"	37c.	"	"	"
"	"	"	"	"	"	"	"	35	"	33c.	"	"	"
"	"	"	"	"	"	"	"	36	"	30c.	"	"	"
"	40	"	"	"	"	"	"	32	"	70c	"	"	"
"	"	"	"	"	"	"	"	33	"	55c.	"	"	"
"	"	"	"	"	"	"	"	34	"	48c.	"	"	"
"	50	"	"	"	"	"	"	34	"	75c.	"	"	"
"	"	"	"	"	"	"	"	35	"	58c.	"	"	"
"	"	"	"	"	"	"	"	36	"	50c.	"	"	"
"	60	"	"	"	"	"	"	35	"	78c.	"	"	"
"	"	"	"	"	"	"	"	36	"	60c.	"	"	"
"	"	"	"	"	"	"	"	37	"	52c.	"	"	"
"	70	"	"	"	"	"	"	37	"	70c.	"	"	"
"	80	"	"	"	"	"	"	38	"	90c.	"	"	"
"	90	"	"	"	"	"	"	39	"	1.00	"	"	"
"	100	"	"	"	"	"	"	40	"	1.15	"	"	"

Twilled Brass or Copper Wire Cloth.

All Meshes 10 cents per square foot advanced on price of plain cloth

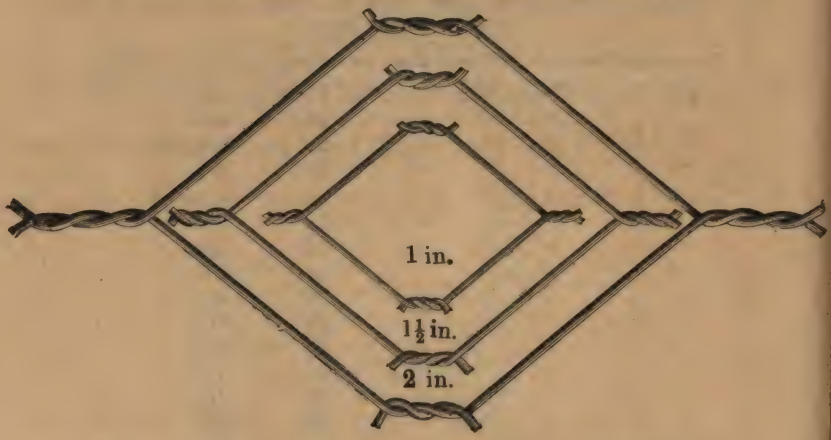
Brass Wire Cloth for Sugar Mills.

No. 120, Mesh German, wove to size Nos. 27 and 33 Wire, $1.00 per square foot.

Copper Wire Cloth.

For the price of Copper Wire Cloth *after making the trade discount* add 25 per cent. upon the established list for Brass Wire Cloth.

GALVANIZED TWIST WIRE NETTING.



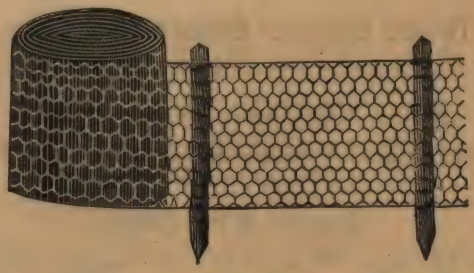
Sizes of 1 inch, 1½ inch, and 2 inch Meshes of Wire Netting.

Put up in Rolls each 150 feet long.

⅝ and ¾ inch Mesh is kept in stock, 24, 30 and 36 inches wide.
1 and 1½ " " " " " 24, 36 and 48 " "
2 " " " " " 24, 36, 48, 60 and 72 in. "
Other widths from 2 feet to 6 feet (when wanted in quantity,) made to order.

Price List of Galvanized Netting by the Roll.

⅝	inch	Mesh	made	from	No.	20	Wire,	16½	cents	per	square	foot.
¾	"	"	"	"	"	20	"	9	"	"	"	"
1	"	"	"	"	"	19	"	6½	"	"	"	"
1½	"	"	"	"	"	18	"	4½	"	"	"	"
"	"	"	"	"	"	19	"	3½	"	"	"	"
2	"	"	"	"	"	18	"	3	"	"	"	"
2	"	"	"	"	"	19	"	2½	"	"	"	"



Light twisted galvanized Wire Netting, Stapled to Posts.

NATIONAL WIRE AND LANTERN WORKS

ESTABLISHED 1856.

WAREHOUSE:

45 FULTON STREET, NEW YORK,

[And California Wire Work Company, San Fraucisco, Cal.]

MANUFACTORY:

Nos. 1197, 1199, 1201, 1203, 1205, 1207, 1209 and 1211 De Kalb Ave,
BROOKLYN, N. Y.

HOWARD & MORSE,

MANUFACTURERS OF

BRASS, COPPER & IRON

WIRE CLOTH,

RIDDLES, COAL AND SAND SCREENS.

IRON and STEEL

LOCOMOTIVE SPARK WIRE CLOTH,

Wire Cloth for Sugar, Milk and Rosin Strainers.
Dutch Wire Cloth, Square Wire Smut Cloth, Wire Bolting Cloth,

WIRE WORK,

WIRE FENCE, RAILING & GUARDS,

ALSO

SHIP AND RAILROAD LANTERNS,

ADJUSTABLE GLOBE LANTERNS,

SIGNAL LIGHTS, CONDUCTORS' LANTERNS, &c.

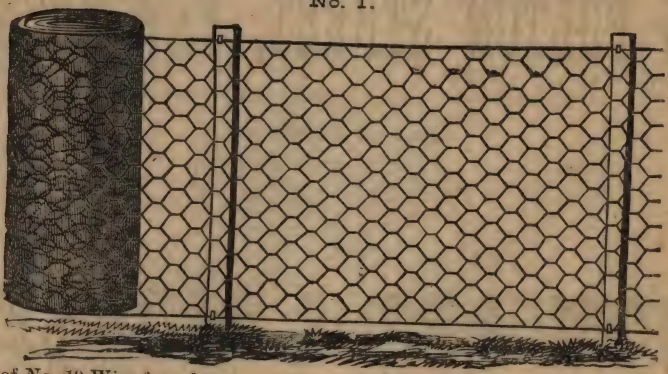
JOHN W. HOWARD.

DAVID R. MORSE.

GALVANIZED WIRE FENCING,

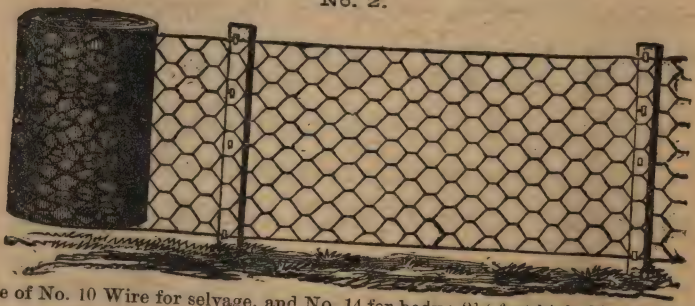
For Farm, Garden and Division Fences.

No. 1.



Made of No. 10 Wire for selvage, and No. 14 for body; 3¾ feet high. Meshes 4 inches wide; weighs 10 lbs. per rod.

No. 2.



Made of No. 10 Wire for selvage, and No. 14 for body; 2½ feet high, Meshes 4 inches wide; weighs 7½ lbs. per rod.

PRICE LIST OF GALVANIZED FENCING.

BY THE BALE.

Fencing is put up in 10 rod Bales.

No. 1, 4-inch Mesh.	3¾ feet wide.	Nos. 10 and 14 Wire		$3.25 per rod.
" 1½, 4 " "	3 "	" " "		2.75 "
" 2, 4 " "	2½ "	" " "		2.50 "

By the accompanying cuts we show the full size of meshes of such Galvanized Twisted Wire Netting as is used for garden and ornamental purposes, henneries, bird and small animal cages, chicken coops, etc.; also, several rolls partly unrolled, and

stapled to posts. As a fence against cattle, sheep, goats, hogs, poultry, or vermin, we can recommend it as being superior to any other that can be put up for the purpose at the same expense. It is made from Galvanized Wire which protects it from the action of the weather. It is especially adapted to sections of the country where timber is scarce, or where they are subject to heavy falls of snow, as a fence made from it exposes so little surface for the wind to act upon, that it is no obstruction to the drifting snow, consequently is the most desirable fence a railroad company can have. For Garden and Division Fences, place the posts from six to eight feet apart, with a base board 6 inches wide and a top rail three inches wide; stretch the wire work along the posts by tightening the selvage wires, then staple the wire to the posts and along the top and bottom rail.

PRICE LIST

OF

GALVANIZED TWIST WIRE NETTING,

BY THE ROLL.

Put up in Rolls each 150 feet long.

2-INCH MESH.

THE ORDINARY POULTRY NETTING.

From No. 18 Wire,	3 cts. per square foot.
" " 19 "	2½ cts. " "

Widths in stock, 24, 30, 36, 42, 48, 60 and 72 inch.

1½ INCH MESH.

FOR PROTECTION OF THE SMALLEST-SIZED CHICKENS.

From No. 18 Wire, ... 4¼ cts. per square foot.
" " 19 " . . . . . 3½ " " "

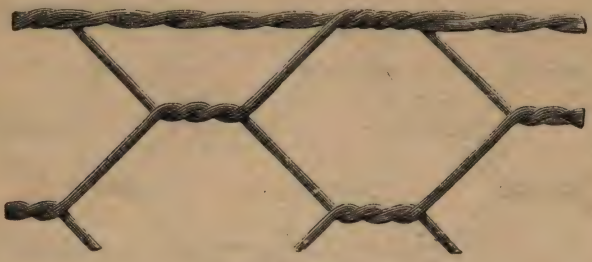
Widths in stock, 24 in., 30 in., 36 in., 42 in., and 48 in.

1½ INCH MESH.

FOR PHEASANTRIES, PIGEON HOUSES, Etc.

From No. 18 Wire, ... 6½ cts. per square foot.
" " 19 " . . . . . 5½ " " "

Widths in stock, 24 in., 30 in., 36 in., 42 in., and 48 in.



1 INCH MESH.

FOR PHEASANTRIES AND SMALL BIRDS GENERALLY.

From No. 19 Wire, ... 6½ cts. per square foot.
" " 20 " . . . . . 6 cts. " "

Widths in stock, 24 in., 30 in., 36 in., and 48 in.

SPECIAL, FOR GLUE MANUFACTURERS.

1-inch Mesh, from No. 18 Wire, ... 8½ cents per square foot.

½ INCH MESH.

FOR AVIARIES, POULTRY ENCLOSURES, &c.

From No. 20 Wire, ... 9 cts. per square foot.

Widths in stock, 24 inch, 30 inch, and 36 inch.

½ INCH MESH.

FOR AVIARIES, CHURCH AND OTHER WINDOW GUARDS, Etc.

From No. 22 Wire, ... 15 cts. per square foot.

Widths in stock, 24 inch and 36 inch.

¼ INCH MESH.

FOR AVIARIES, CAGES, &c.

From No. 22 Wire, ... 20 cts. per square foot.

Widths in stock, 24 inch and 36 inch.

All the different meshes of Netting are Galvanized after being made.

Widths or Sizes not named in above list, (when ordered in lots of 25 or more bales) can be furnished in 20 days from receipt of the order.

TRADE DISCOUNTS.

Galvanized Fencing (by the bale),	Price List, less	per cent. net cash.
" " (by 10 bales at an order),	" " "	" " " "
" Netting (by the bale),	" " "	" " " "
" " (by 10 bales at an order),	" " "	" " " "

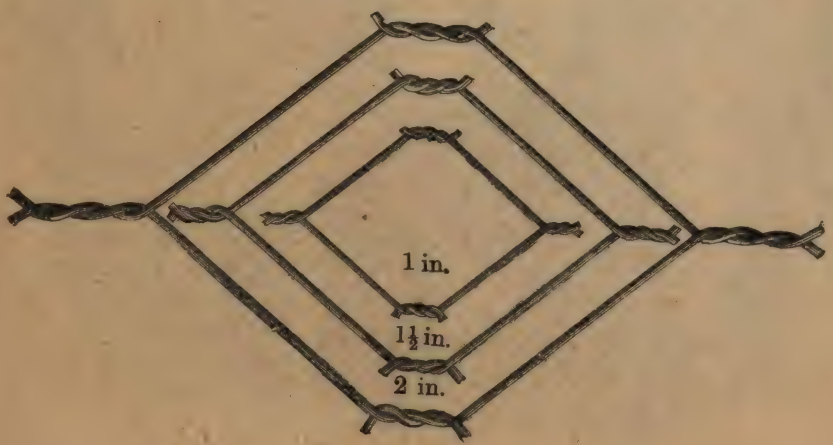
THE WIRE, MESH, WIDTH AND LENGTH WARRANTED TO BE AS REPRESENTED.

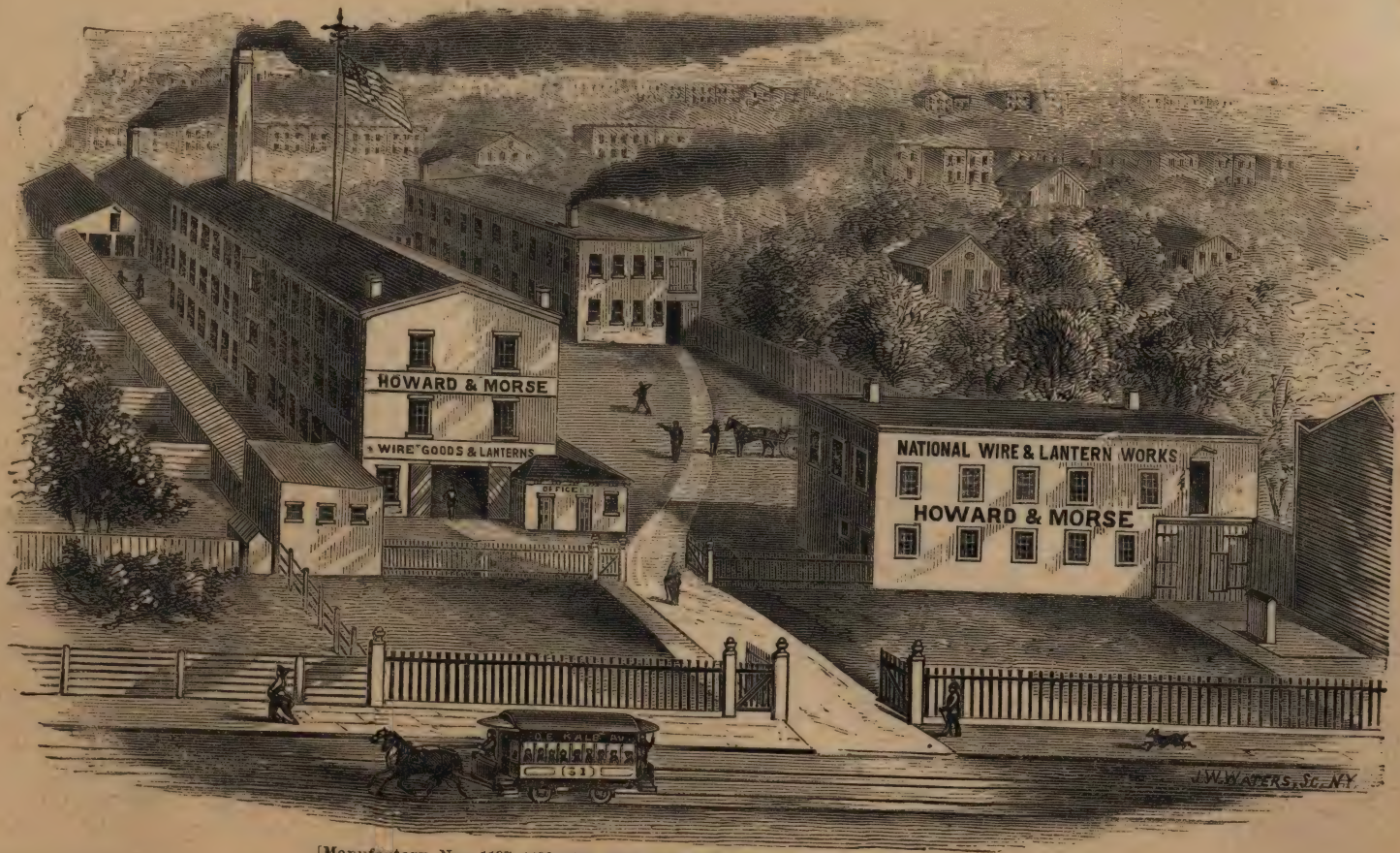
TERMS, ETC.

All bills not paid during the month following the purchase, will be drawn for at two days' sight. When a longer time is agreed upon, interest must in all instances be added from date (or average date) of invoice.

All Prices subject to the market changes without notice.

Package and Cartage will in all instances be charged at cost.





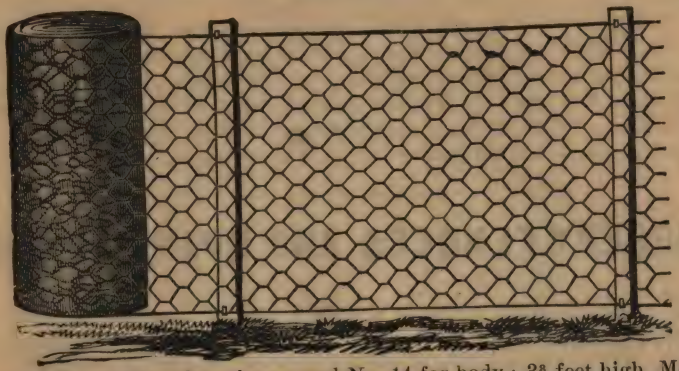
[Manufactory, Nos. 1197, 1199, 1201, 1203, 1205, 1207, 1209 and 1211 DeKalb Avenue, Brooklyn, N. Y.]

Warehouse, 45 FULTON STREET, NEW YORK.

GALVANIZED WIRE FENCING,

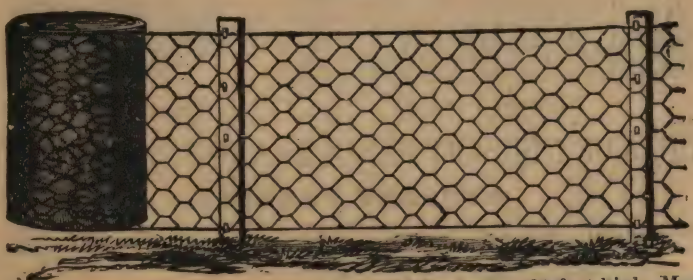
For Farm, Garden, and Division Fences.

No. 1.



Made of No. 10 Wire for selvage, and No. 14 for body ; 3¾ feet high, Meshes 4 inches wide ; weighs 10 lbs. per rod.

No. 2.



Made of No. 10 Wire for selvage, and No. 14 for body ; 2½ feet high, Meshes 4 inches wide ; weighs 7½ lbs. per rod.

PRICE LIST OF GALVANIZED FENCING.—By the Bale.

Nos. 1 and 2 are put up in 20 rod Bales.

No. 1, 4 inch Mesh, 3¾ feet wide, Nos. 10 and 14 Wire . . $3.25 per rod.
" 2, 4 " " 2½ " " " " . . 2.50 " "

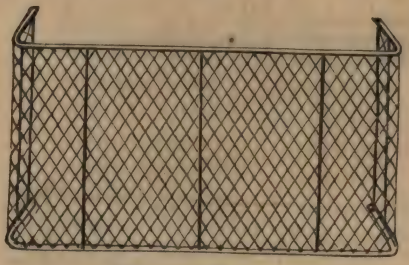
PRICES OF FENCE STAPLES.

1½ inch Iron Wire Staples . . . . . 15 cents per pound.
1½ inch Galvanized Wire Staples . . . . . 20 " " "

By the accompanying cuts we show the full size of meshes of such Galvanized Twisted Wire Netting as is used for garden and ornamental purposes, henneries, bird and small animal cages, chicken coops, etc. ; also, several

rolls partly unrolled, and stapled to posts. As a fence against cattle, sheep, goats, hogs, dogs, poultry, or vermin, we can recommend it as being superior to any other that can be put up for the purpose at the same expense. It is made from Galvanized Wire which protects it from the action of the weather. It is especially adapted to sections of the country where timber is scarce, or where they are subject to heavy falls of snow, as a fence made from it exposes so little surface for the wind to act upon, that it is no obstruction to the drifting snow, consequently is the most desirable fence a railroad company can have. For Garden and Division Fences, place the posts from six to eight feet apart, with a base board 6 inches wide, and a top rail three inches wide ; stretch the wire work along the posts by tightening the selvage wires, then staple the wire to the posts and along the top and bottom rail.

NURSERY FENDERS AND SPARK GUARDS



NURSERY FENDER.

SPARK GUARD.

PRICES OF NURSERY FENDERS AND SPARK GUARDS.

NURSERY FENDERS.

12 inches high, Brass Top					$0 55	per running foot.
18	"	"	"	"	65	" " "
24	"	"	"	"	75	" " "
30	"	"	"	"	1 00	" " "
36	"	"	"	"	1 25	" " "

FOLDING FENDERS.

24 inch high, Brass Top					$1 00	per running foot.
30	"	"	"	"	1 25	" " "
36	"	"	"	"	1 50	" " "

Fenders made all Brass treble the price of the Brass Top.

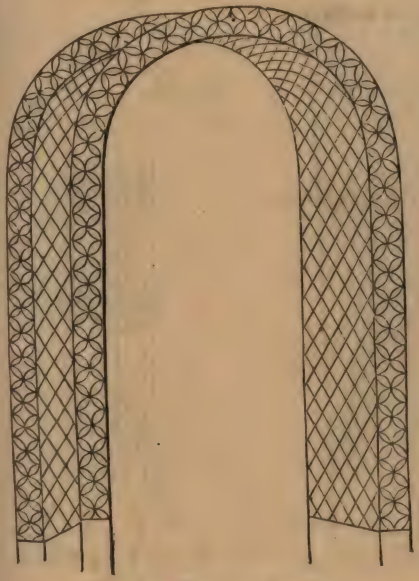
SPARK GUARDS.

14 inch, Tinned Wire, as per cut shown					$12 00	per dozen.
16	"	"	"	"	13 00	"
18	"	"	"	"	15 00	"
20	"	"	"	"	18 00	"
22	"	"	"	"	24 00	"
24	"	"	"	"	30 00	"

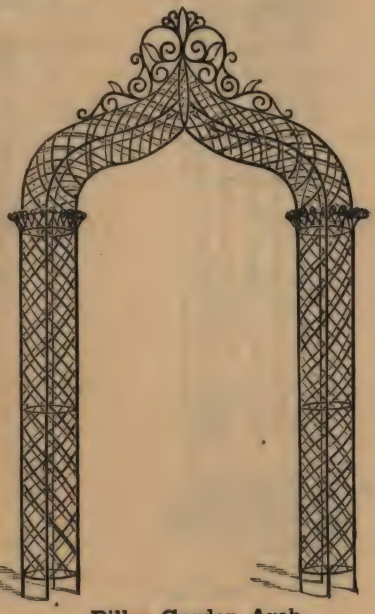
Brass Wire, prices vary according to style and finish, from $30 to $75 per doz.

PLAIN AND ORNAMENTAL WIRE WORK.

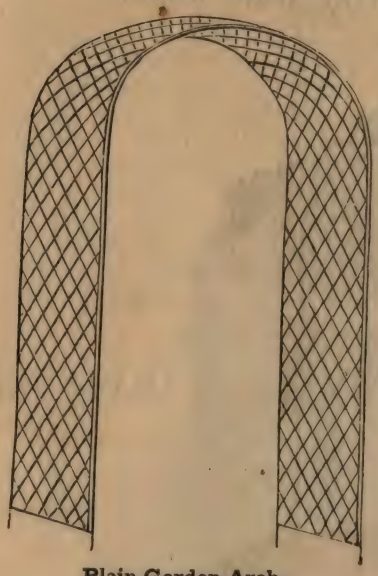
Galvanized Arbor or Summer House.
9 feet diameter, 12 feet high. Made in sections, and strongly bolted together.



Border Garden Arch.
5 feet span, 9 feet high, 3 feet deep.



Pillar Garden Arch.
5 feet span, 9 feet high, 12 inches deep.

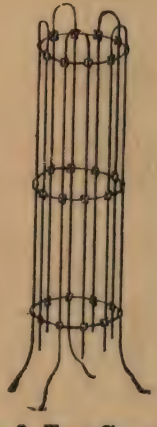


Plain Garden Arch.

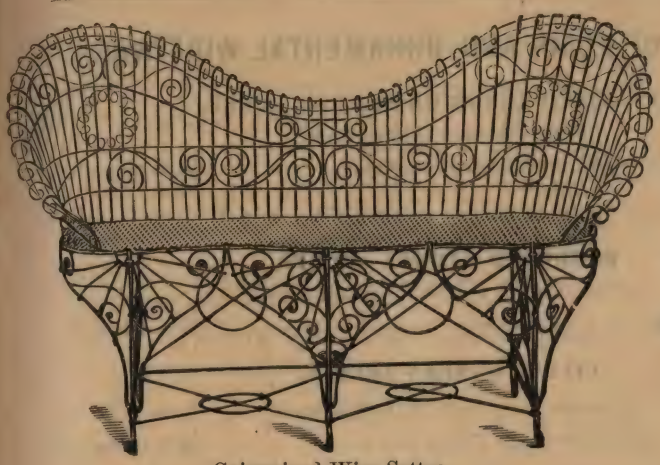
Umbrella Vine Trainer.
4 feet 6 inches high, top 3 feet, 6 inches in diameter.

No. 1. Tree Guard.

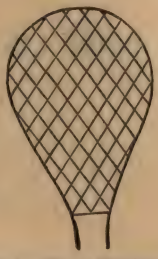
Plain Trellis Frame.



No. 2. Tree Guard.



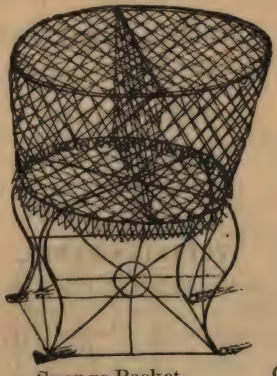
Galvanized Wire Settee.



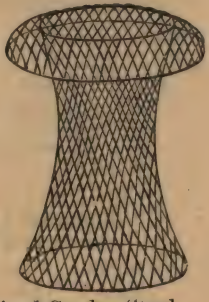
Plain Rose Trainer.

No. 2 Waste Paper Basket.

Galvanized Wire Chair.



Sponge Basket.



Galvanized Garden Stool.

Ice Pitcher Stand.

No. 1. Waste Paper, or Ladies' Work Basket.

Fruit Stand.

PRICE LIST OF PLAIN AND ORNAMENTAL WIRE WORK.

GALVANIZED ARBOR OR SUMMER HOUSE.

8 feet diameter, 12 feet high.

Octagon, as shown in cut, without seats and table.....$150 00 each.
" " " " with " " ..... 200 00 "

The above is put up in sections and bolted together strongly.

BORDERED GARDEN ARCHES.

3 feet deep, 5 feet span, 9 feet high.

As per cut shown.....$30 00 each.

PILLAR GARDEN ARCHES.

12 inches deep, 5 ft. span, 9 ft. high.

As shown in cut, Galvanized.....$20 00 each.

PLAIN GARDEN ARCHES.

As per cut shown, any dimensions.....20c. per square foot.
Galvanized after made..... 25c. " " "

UMBRELLA TRAINERS.

4 feet 6 inches high, top 3 feet 6 inches in diameter, as per cut.... $6 50 each.

TREE GUARDS.

No. 1, Painted as per cut, 16 in. diameter, ⅝ in. Rods.....$9 00 each.
" 1, Galvanized " " " " " " " ..... 11 00 "
" 2, Painted, " " 12 " " 5-16 in. Rods..... 6 00 "
" 2, Galvanized " " " " " " " ..... 7 50 "

TRELLIS FRAMES.

Plain Wire Work, as shown in cut, price 20 cents per square foot.
Galvanized after made, " 25 " " " " "

6 ft.	long,	18 in.	wide at bottom,	24 in.	wide at top		=10 ft. 6 inches.
7 ft.	"	18 in.	" "	24 in.	" "		=12 ft. 3 "
8 ft.	"	20 in.	" "	26 in.	" "		=14 ft. 8 "
9 ft.	"	20 in.	" "	28 in.	" "		=18 ft. 0 "
10 ft.	"	22 in.	" "	30 in.	" "		=22 ft. 8 "
12 ft.	"	24 in.	" "	32 in.	" "		=28 ft. 0 "
15 ft.	"	26 in.	" "	36 in.	" "		=38 ft. 9 "
20 ft,	"	30 in.	" "	42 in.	" "		=60 ft. 0 "

We show this straight for convenience of shipping. They can be bent without difficulty to form a quarter circle. Fancy styles, prices vary from 25c. to 75c. per square foot.

GALVANIZED WIRE SETTEE.

As per cut shown, 5 feet long, 3 sittings.....$20 00 each.
" " " " 4 " " 3 " ..... 15 00 "

GALVANIZED WIRE CHAIR.

As per cut shown..... $5 00 each.

GALVANIZED WIRE GARDEN STOOLS.

As per cut shown.....$21 00 per dozen.

ROSE TRAINERS.

Plain Rose Trainer, as per cut,	15	inches high	$4 50	per dozen.
" " "	20	"	5 50	"
" " "	24	"	7 00	"
" " "	30	"	10 00	"
" " "	36	"	15 00	"
" " "	42	"	21 00	"
" " "	48	"	33 00	"

ICE PITCHER STANDS.

Japanned and Bronzed, as per cut ..... $6 50 each.
Painted and Bronzed, as per cut ..... 6 00 "

WASTE PAPER, OR LADIES' WORK BASKET.

No. 1, Japanned and Bronzed, as per cut ..... $7 00 each.
" " Painted and Bronzed, as per cut ..... 6 50 "
" 2, Tinned Wire, as per cut ..... 85 "

FRUIT STANDS.

Tin Plated Wire, as per cut, 27 inches high (for refreshment tables), $6.00 each.

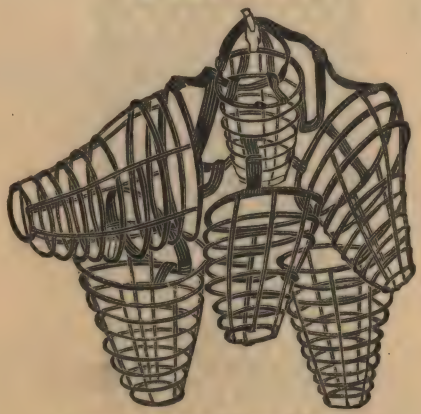
SPONGE BASKETS.

Diamond Wire Work, 22 in. by 30 in., 42 in. high, upon castors, $12.00 each.

FRUIT BASKETS.

Corrugated Tinned Wire ..... $8 50 per dozen.

MUZZLES.



½ Dozen Assorted Dog Muzzles.

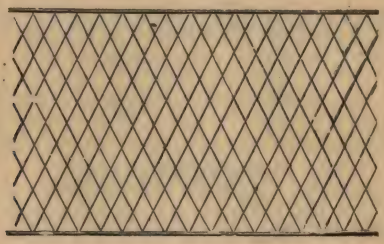
PRICES OF MUZZLES.

Dog Muzzles, assorted as above ..... $2 50 per dozen.
Ox " ..... $3 00 per dozen pairs.

VEGETABLE BOILERS.

No. 1, 6 inches diameter	$2 00	per dozen.	
" 2, 7 "	2 50	"	
" 3, 8 "	3 00	"	
" 4, 9 "	3 50	"	
Nests of 4	11 00	"	nests.

PLAIN DIAMOND WIRE WORK.



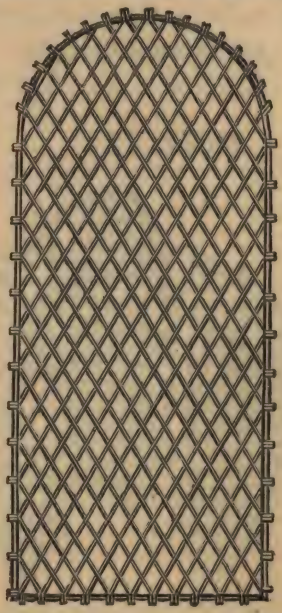
Plain Diamond Wire Work Round Frame.

PRICE OF PLAIN DIAMOND WIRE WORK.

The prices vary from 30 cents to $1.50 per square foot, according to the size of Mesh or Wire, in work and frames.

DIAMOND PATTERN WIRE WINDOW GUARDS.

Round Iron Frames, for Churches and Public Buildings.



Diamond Pattern Guard, with Round Top.

PRICES OF DIAMOND PATTERN WINDOW GUARDS.

1½ inch mesh, No. 12 Wire, ¼ inch frame ..... 35 cents per square foot.
1½ " " " 12 " Galvanized, ¼ inch frame .. 40 " " " "

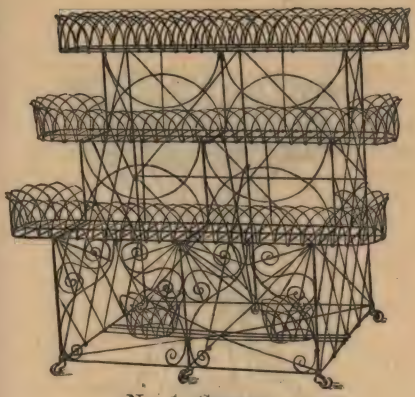
IRON TABLES.

Galvanized Diamond Wire Work Top, 30 inches in diameter ..... $9 00 each.

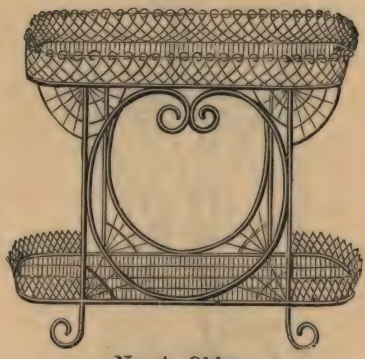
FOUNTAIN BASKETS.

18 inches diameter, iron .. $21 00 per doz. Brass ..... $36 00 per doz.
24 " " " .. 24 00 " " " ..... 48 00 "

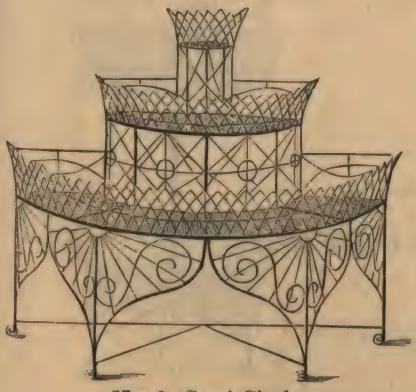
FLOWER POT STANDS.



No. 1. Square.

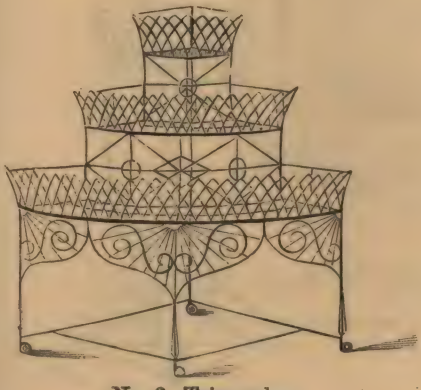


No. 4. Oblong.

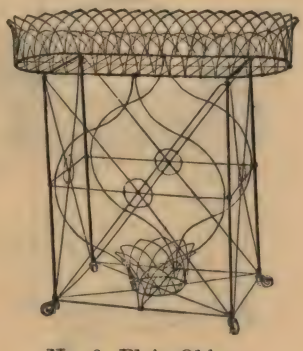


No. 2. Semi Circle.

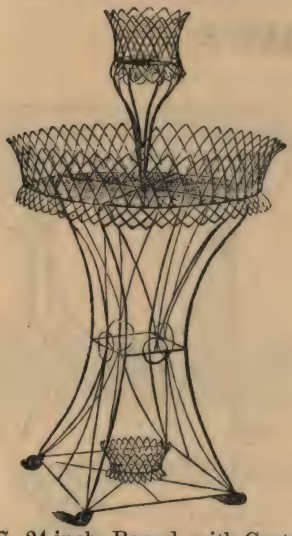
No. 5. Oblong, with Arch.



No. 3. Triangular.

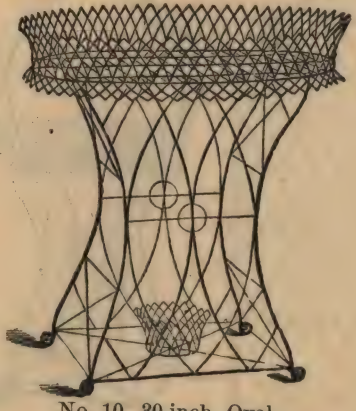


No. 6. Plain Oblong.



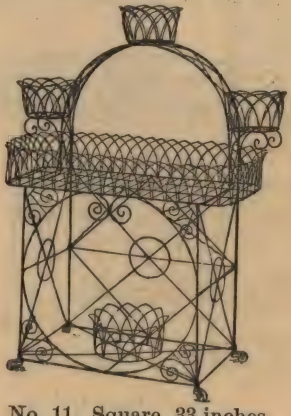
No. 7. 24 inch, Round, with Centre.

No. 8. 24 inch, Round.



No. 10. 30 inch, Oval.

No. 9. Round, 24 inch, with Four Pots.



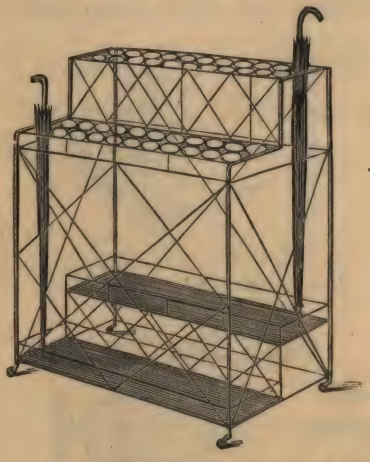
No. 11. Square, 33 inches.

No. 12. Round, 12 inch.

PRICE LIST OF FLOWER STANDS.

No. 1—48	inches square, as per cut		$11 00	each.
" "—42	" " " "		10 00	"
" "—36	" " " "		9 00	"
" "—30	" " with two shelves		6 00	"
" 2—48	" semi-circle, as per cut		10 00	"
" "—42	" " " " "		9 00	"
" "—36	" " " " "		8 00	"
" 3—42	" triangular " " "		9 00	"
" "—36	" " " " "		8 00	"
" "—30	" " " " "		7 00	"
" 4—42	" oblong " " "		11 00	"
" "—36	" " " " "		10 00	"
" 5—42	" " " " "		8 00	"
" "—36	" " " " "		7 00	"
" 6—42	" " " " "		6 00	"
" "—36	" " " " "		5 00	"
" "—30	" " " " "		4 00	"
" 7—24	" round " " "		5 50	"
" 8—24	" " " " "		4 75	"
" 9—24	" " " " "		7 00	"
" 10—30	" oval " " "		5 50	"
" 11—33	" square " " "		7 00	"
" 12—12	" round " " "		3 00	"

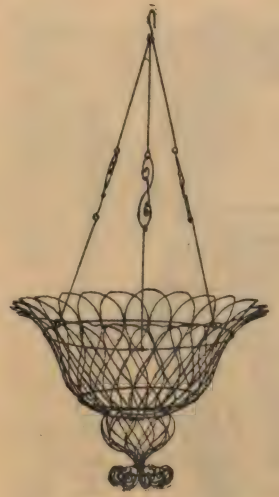
UMBRELLA STANDS.



PRICE LIST OF UMBRELLA STANDS.

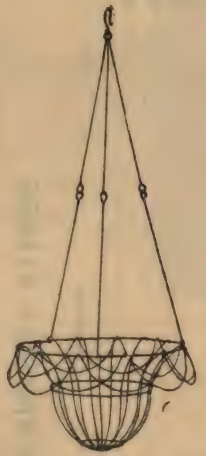
28	inches long, holding 32 Umbrellas		$8 00	each.
36	" " " 40 "		10 00	"

MOSS OR HANGING BASKETS.



No. 1.

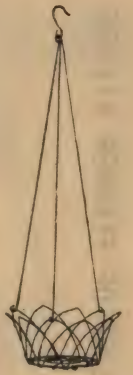
No. 2.



No. 3

No. 4.

No. 5.



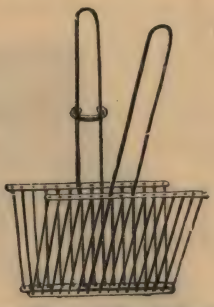
No. 6.

Price List of Green Painted Moss Baskets.

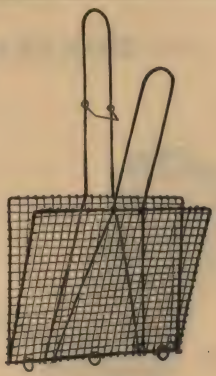
No. 1—Basket,	16	inches	diameter,	7	inches	deep,	as	per	cut	above		$17.00	per	dozen.
" 2— "	10	"	"	6	"	"	"	"	"	"		10.00	"	"
" 3— "	12	"	"	6½	"	"	"	"	"	"		7.00	"	"
" 4— "	9	"	"	5	"	"	"	"	"	"		5.00	"	"
" 5— "	8½	"	"	4½	"	"	"	"	"	"		4.00	"	"
" 6— "	7½	"	"	4	"	"	"	"	"	"		3.00	"	"

Made from Tinned or Coppered Wire, $1.50 per dozen extra, net.

STEAK AND OYSTER BROILERS.



Heavy Riveted Steak Broilers.



Oyster Broilers.

PRICES OF BROILERS.

Heavy Riveted Steak Broilers, Iron Frames.

12 inch Iron Wire	$12 00 per dozen.
14 " "	14 00 "
16 " "	16 00 "
18 " "	18 00 "

Oyster Broilers.

6x 8 inch, as per cut, Galvanized after made	$3 00 per dozen.
8x10 " " " " "	4 00 "
10x12 " " " " "	6 00 "
12x14 " " " " "	8 00 "

Wire Sash Cord and Rope for Lightning Rods.

	Iron.	Tinned.	Copper.	
No. 3 Wire Cord, 1-8 inch diameter	$ 04	$0 05	$0 08	per foot.
" 2 " 5-32 " "	05	06	09	"
" 1 " 3-16 " "	06	07	11	"
" 0 " 7-32 " "	07	08	12	"
1-4 inch diameter Wire Rope, 49 Wires	08	10	18	"
5-16 " " 49 "	12	13	23	"
3-8 " " 49 "	15	16	30	"
7-16 " " 49 "	16	20	40	"
1-2 " " 49 "	18	24	50	"

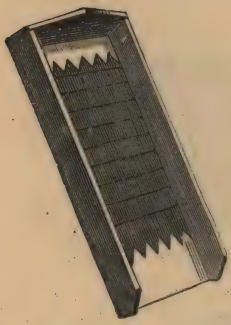
When ordered in less quantities than a full coil, the discount will be 10 per cent. less than regular. 1,000 to 1,500 feet in a coil.

WIRE PICTURE CORD.

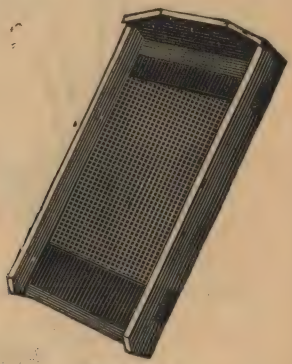
	Tinned.	Gold Plated.	
No. 1	1c.	3c.	per yard.
" 2	1½c.	5c.	"
" 3	1¾c.	6c.	"
" 4	2¼c.	8c.	"
" 5	3½c.	12c.	"
" 6	4½c.	18c.	"

Put up in Coils of 50 Yards, or on Spools of 100 Yards.

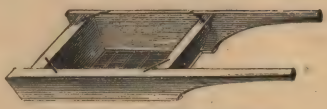
RIDDLES, COAL AND SAND SCREENS.



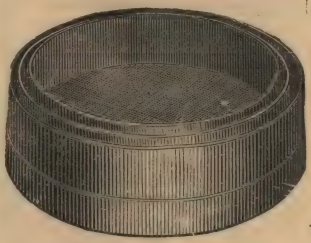
Sand Screen.



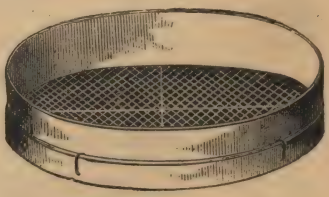
Coal Screen.



White Mortar Screen.



Nest of Flour Sieves.



Foundry Riddle.

The sizes required for screening different Grades.

¼	inch	Mesh	Screen	is	used	for	Screening	Pea Coal.
½	"	"	"	"	"	"	"	Chestnut "
¾	"	"	"	"	"	"	"	Fine Stove "
1	"	"	"	"	"	"	"	Coarse " "
2	"	"	"	"	"	"	"	Egg "
2½	"	"	"	"	"	"	"	Broken "
⅝	"	"	"	"	"	"	"	taking ashes from cinders.
⅞	"	"	"	takes	Pea	out	of	Stove Coal.
1½	"	"	"	"	Chestnut	out	of	Egg "
2½	"	"	"	"	Stove	"	"	Broken "

Prices of Riddles, Sieves, Coal and Sand Screens.

COAL SCREENS.

33 inch Heavy Wire, 1 in. to 2 in. Mesh	$12 00 each.
33 " " " ¼ in. " ⅞ in. "	10 00 "
27 " " " " " " "	7 00 "
With standard and leg, extra	3 50 "

SAND SCREENS.

26 inch Screens	$4 50 each,
24 "	4 00 "

WHITE MORTAR SCREENS.

Single, Brass Wire Lacing	$21 00 per dozen.
Double, " "	33 00 "

RIDDLES.

16 inch Iron Wire	$6 00 per doz.	16 inch Brass Wire	$15 00 per doz.
18 " "	7 00 "	18 " "	18 00 "
20 " "	8 00 "	20 " "	21 00 "
Nos. 2 and 3 Mesh Extra	1 00 "	Nos. 2 and 3 Mesh Extra	3 00 "

SIEVES.

No. 18, Flour Sieves, Iron	$1 50	Tinned $2 00	Brass $3 50 per doz.
" 20, " "	1 75	" 2 25	" 4 00 "
" 24, " "	2 25	" 2 75	" 4 25 "

All 12, 13 & 14 inch, nested, as per cut.

OAT SIEVES.

14 inch, No. 12 Mesh, Iron	$5 50 per dozen.
16 " "	6 00 "
18 " "	6 75 "
20 " "	7 50 "

BRASS DRUGGIST SIEVES.

4 to 8 inch, No, 20 to 60 mesh, assorted	$8 00 per dozen
4 to 8 " " 70 "100 " "	12 00 "
4 to 8 " " 120 "150 " "	20 00 "
9 to 11 " " 20 " 60 " "	12 00 "
9 to 11 " " 70 "100 " "	18 00 "
9 to 11 " " 120 "150 " "	30 00 "

GALVANIZED WIRE CLOTHES LINES.

(Put up in Coils of 100 feet each.)

PRICE LIST OF GALVANIZED CABLE-LAID WIRE CLOTHES LINE.

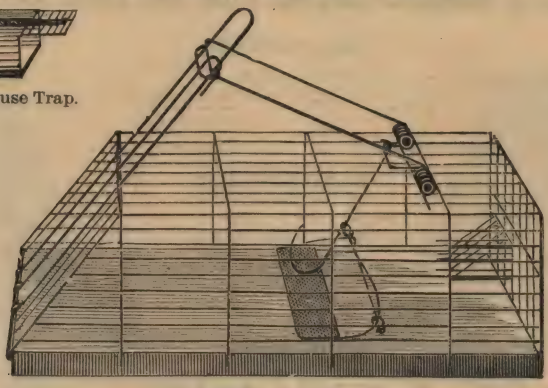
100 feet Coils	one cent per foot.

COILS NOT BROKEN.

RAT AND MOUSE TRAPS.

Square Mouse Trap.

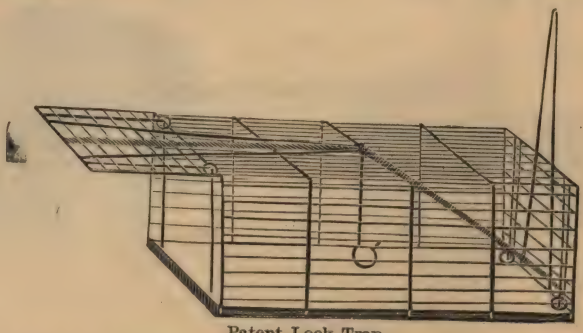
Round Mouse Trap.



15 inch Bevel-end Rat Trap.

Square Rat Trap.

Round Rat Trap.



Patent Lock Trap.

PRICE LIST OF RAT AND MOUSE TRAPS.

RAT TRAPS.

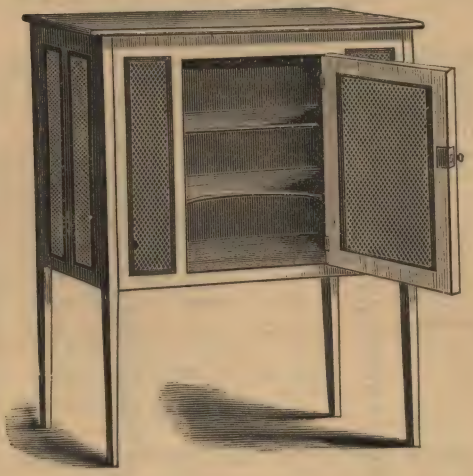
12 inch Patent Lock, as per Cut, Plated Wire			$5 75 per doz.
11 inch square	$5 00 per doz.	12 inch Round	$6 00 per doz.
12 " "	5 50 "	14 " "	7 00 "
13 " "	6 50 "	16 " "	8 00 "
15 " " Bev. end,	10 00 "		

Galvanized, Round, or Square, $2.50 per dozen, extra.

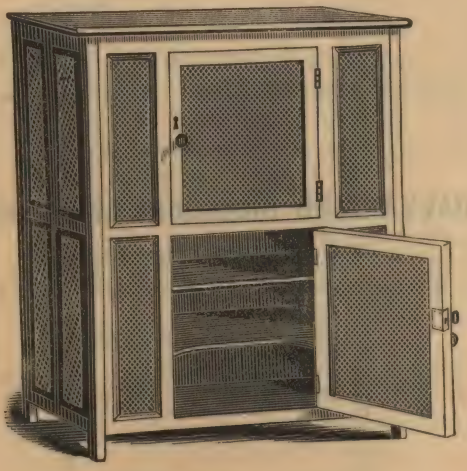
MOUSE TRAPS.

5 inch, 1 hole, round	$18 00 per gross.
6 inch, 2 hole, round	21 00 "
3½ inch by 5 inch, square	24 00 "
Toy Wheel Mouse Traps, Tinned Wire	30 00 "

MEAT OR PROVISION SAFES.



Single Safe.



Double Safe.

PRICES OF MEAT OR PROVISION SAFES.

Nos. 1, 2, 3 and 4 Single Safes, nested for shipping..... $24.00 per nest.

No. 1, Single Safe.....	$4.50 each.	No. 3, Single Safe.....	6.50 each.
" 2, " "	5.50 "	" 4, " "	7.50 "

Nos. 3 or 4 Double Safes twice the price of Single Safes.

PRICE LIST OF WIRE ROPE.

For Hoisting and Rigging.

No.										
1	Rope of	133	Wires,	6¾	in.	circum.,	strength	74	tons	$1.32 per foot, net.
2	"	"	"	6	"	"	"	65	"	1.15 " "
3	"	"	"	5½	"	"	"	54	"	1.00 " "
4	"	"	"	5	"	"	"	43½	"	86 " "
5	"	"	"	4⅝	"	"	"	35	"	71 " "
6	"	"	"	4	"	"	"	27⅝	"	58 " "
7	"	"	"	3½	"	"	"	20⅛	"	45 " "
8	"	"	"	3⅛	"	"	"	16	"	37 " "
9	"	"	"	2¾	"	"	"	11⅝	"	31 " "
10	"	"	"	2½	"	"	"	8⅝	"	28 " "
10¼	"	"	"	2	"	"	"	5⅛	"	26 " "
10½	"	"	"	1⅝	"	"	"	4¼	"	25 " "
10¾	"	"	"	1½	"	"	"	3½	"	24 " "
11	"	49	Wires,	4⅝	"	"	"	36	"	60 " "
12	"	"	"	4¼	"	"	"	30	"	52 " "
13	"	"	"	3¾	"	"	"	25	"	45 " "
14	"	"	"	3⅜	"	"	"	20	"	39 " "
15	"	"	"	3	"	"	"	16	"	32 " "
16	"	"	"	2⅝	"	"	"	12½	"	25 " "
17	"	"	"	2⅜	"	"	"	8⅝	"	20 " "
18	"	"	"	2⅛	"	"	"	7⅛	"	17 " "
19	"	"	"	1⅞	"	"	"	5⅛	"	14 " "
20	"	"	"	1⅝	"	"	"	4 1/10	"	12 " "
21	"	"	"	1⅜	"	"	"	2⅝	"	10 " "
22	"	"	"	1¼	"	"	"	2 1/10	"	9 " "
23	"	"	"	1⅛	"	"	"	1⅝	"	8 " "
24	"	"	"	1	"	"	"	1½	"	7 " "
25	"	"	"	⅞	"	"	"	1	"	6½ " "
26	"	"	"	¾	"	"	"	⅝	"	6 " "
27	"	"	"	⅝	"	"	"	½	"	5½ " "

⅝ inch diameter Tiller Rope, 28 cents per foot, net.

GALVANIZED CHARCOAL WIRE ROPE.

For Guys and Ships' Rigging.

6	in.	circum.,	Weight	30	lbs.	per Fathom,	strength	50	tons,	14 cents per lb.
5½	"	"	26	"	"	"	43	"	"	"
5¼	"	"	24	"	"	"	40	"	"	"
5	"	"	22	"	"	"	35	"	"	"
4¾	"	"	20	"	"	"	33	"	"	"
4½	"	"	18	"	"	"	30	"	"	"
4¼	"	"	16	"	"	"	26	"	"	"
4	"	"	14	"	"	"	23	"	15	"
3¾	"	"	12	"	"	"	20	"	"	"
3½	"	"	10	"	"	"	16	"	"	"
3¼	"	"	8½	"	"	"	14	"	15½	"
3	"	"	7½	"	"	"	12	"	"	"
2¾	"	"	6½	"	"	"	10	"	15¾	"
2½	"	"	5½	"	"	"	9	"	"	"
2¼	"	"	4½	"	"	"	8	"	16¼	"
2	"	"	3½	"	"	"	7	"	16½	"
1¾	"	"	2¾	"	"	"	5	"	17¼	"
1½	"	"	2¼	"	"	"	3½	"	19¼	"
1¼	"	"	1¾	"	"	"	2½	"	21	"
1	"	"	1¼	"	"	"	2	"	23	"

PRICE-LIST OF IRON WIRE.

Nos.	0000 to 6	7 to 9	10 & 11	12	13 & 14	15 & 16	17	18	
Cts.	9	10	11	11½	12½	14	15	16	per lb..

BRIGHT MARKET WIRE.....	pr ct. dis'ct from above list.
" CHARCOAL WIRE.....	" " " " "
" BAIL WIRE, Nos. 7 to 12.....	" " " " "
GALVANIZED WIRE, " 7 to 20.....	" " " " "
ANNEALED MARKET WIRE.....	" " " " "
" FENCE WIRE, Nos. 8 & 9.....	" " " " "
" GRAPE WIRE, " 10 to 14.....	" " " " "
COPPERED MARKET WIRE.....	" " " " "
" BAIL WIRE, Nos. 7 to 12.....	" " " " "
Coppered Furniture Spring Wire (Iron), 100 lb. b'dls	" " " " "
Coppered Furniture Spring Wire (carbonated) "	" " " " "

ANNEALED STONE OR WEAVING WIRE,

Nos.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Cts. per lb.	14	15	16	19	20	21	22	23	24	25	26	28	29	30	32	33	35	37	40	45	55

In 12 lb. stones, Nos. 16 to 18 inclusive.....	per ct. discount from list.
" " " " " 19 to 26 "	" " " "
" " " " " 27 to 36 "	" " " "

EXTRA FINE STONE WIRE.

Nos.	37	38	39	40	41	42	43	44	45	46	47
Cts. pr. lb.	40	45	50	55	60	65	75	85	100	115	140

TINNED WIRE.

Nos.	0 to 9	10 & 11	12 to 14	15 & 16	17	18	
Cts.	15	16	17	17½	18	18½	pr lb.

per ct. Discount.

TINNED BAIL WIRE, Nos. 7 to 14, same list as above " " "

TINNED STONE WIRE.

Nos.	18	19 & 20	21 & 22	23 & 24	25	26	27	28	29	30	31	32	33	34	35	36
Cts. per lb.	18½	19	20	21	22	23	24	25	26	27	28	32	33	34	40	48

Nos. 18 to 31 inclusive, per cent. discount from list.
" 32 to 36 " " " " " "

TINNED BROOM WIRE.

Nos.	18 to 20	21 & 22	23 & 24
Cts. per lb.	20	21	22

per cent. Discount.

PATENT GALVANIZED TELEGRAPH WIRE.

(*Put up in half mile bundles.*)

Nos.	7 to 9	10 & 11	12	
Cts.	10½	11½	12	per lb. net

SOLE MANUFACTURERS OF

THE WIRE COCKROACH & MOUSE TRAP

A Mouse Trap, a Bug Trap, a Fly Trap, and Ant Trap, all in one.

That will keep the house Entirely Cleared of these Pests. The Trap is far Superior and Neater than any ever before made.

PATENTED APRIL 21st, 1874.

The Adjustable Spring Tube fitting the opening in the top makes the

MOUSE TRAP COMPLETE.

THE ADJUSTABLE
Spring Tube.

DIRECTIONS.

If well baited with molasses and flour, or fresh meat on the bottom, and the Trap kept clean, Bugs will cluster around and enter the Trap, and run their feelers through the wires. This tells the outsiders to "come up," when in they come! and can never GET OUT.

The Mouse Trap (with the adjustable spring tube in it) will not keep the Roaches from getting out, and the Roach Trap (without the Adjustable Spring Tube in it) will not hold the mice.

They are complete each for its purpose only, and will surely do the work effectually if the directions are followed.

PRICE LIST

OF

The Wire Cockroach and Mouse Trap.

PRICE 35 CENTS EACH, COMPLETE.

WHEN ORDERED IN QUANTITIES OF

1 dozen or more. $4.20 per dozen ..... less 30 per cent.
50 " " " " " " ..... " 35 " "
100 " " " " " " ..... " 40 " "

All Traps packed in paper boxes, 1 dozen in a box, Packages not broken.

BLUED WIRE ROUND, OVAL & OBLONG DISH COVERS.

SET OF ROUND WIRE DISH COVERS.

ROUND WIRE DISH COVER.

SET OF OBLONG WIRE DISH COVERS.

PRICES OF DISH COVERS.

ROUND.		OVAL.		OBLONG.	
6 inch	$1.20 per doz.	8 inch	$2.00 per doz.	8 inch	$2.00 per doz.
7 "	1.45 "	10 "	3.00 "	10 "	3.00 "
8 "	1.75 "	12 "	4.00 "	12 "	4.00 "
9 "	2.10 "	14 "	5.00 "	14 "	5.00 "
10 "	2.50 "	16 "	6.00 "	16 "	6.00 "
12 "	4.50 "	18 "	7.00 "	18 "	7.00 "
14 "	6.50 "				

8, 10, 12, 14 and 16 inch Oblong Nested, as shown in cut ..... $1.67 per set.
8, 10, 12, 14 and 16 " Oval " " " " ..... 1.67 "
6, 7, 8, 9 and 10 " Round " " " " ..... .75 "

Comfort! Economy! Luxury!

WIRE WINDOW SCREENS

AND

MOSQUITO BARS.

WITH A LANDSCAPE SCREEN.

OPEN WINDOW WITHOUT SCREENS.

MISERY.

OPEN WINDOW WITH SCREENS.

COMFORT.

PRICES OF WIRE WINDOW SCREENS.

(When Made to Order.)

Landscape in the piece, without frames	$0 30	per square foot.
" " Black Walnut "	50 "	"
" " " " special designs	75 "	"
Green or Drab in the piece, without frames	74 "	"
Figured " " " " "	11 "	"
Green or Drab in Black Walnut "	30 "	"
Figured in Black Walnut frames	35 "	"
Ordinary Doors, advance on price of frames	15 "	"
Gold Letters, 4 inch and under	1 00	per running foot.
" Border, ordinary width	18 "	" "
" " extra "	25 "	" "
Painted Letters, 4 inch and under	50 "	" "
" Border, ordinary width	10 "	" "
" " extra "	12 "	" "
Grooves and Slides	50	per frame extra.

When required, a competent man will be sent to take dimensions, and give estimate of cost. Work put up when completed at the lowest rates.

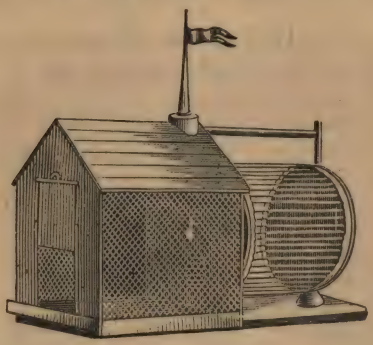
We respectfully invite your attention to the annexed prices for Wire Window Screens or Mosquito Bars, which have long since been acknowledged the most economical outlay any owner of a well-finished and furnished house can make. Saving their cost in damage to decorations and furniture, by flies and dust, every year.

You can keep your house free from fly specks, and can light your rooms at night without attracting a host of insects.

Our Screens are fastened to the stop-bead of the lower sash, so as to allow the window to be raised and lowered, also to open and close blinds without removing the Screen, or marring the casing in any way.

The increasing demand for these articles has induced us to turn our attention more particularly to this branch of the business. We are now prepared to furnish every variety of Plain, Landscape and Decorated, equal, if not superior to any ever manufactured in this market, at the above rates.

CAGES.



Squirrel Cage.

PRICES OF CAGES.

SQUIRREL CAGES.

No 1.	Tin Squirrel, 11x29 inches, as per cut	$50 00	per do.
" 2,	" " 10x24 " " "	38 00	"
" 3,	" " 9x20 " " "	27 00	"

WHITE MOUSE CAGES.

No. 1,	Tin, with Steeples, Japanned 5 x11 in	$13 00	per doz.
" 2,	" with Steeples, " 4¼x 9½"	11 00	"
" 3,	" without Steeples, " 4¼x 9½"	9 00	"

Improved PARROT CAGES, no Tin Bands, all Wire Top.

No. 1,	14½ inches in diameter, 38 wires	$35 00	per doz.
" 2,	15½ " " 40 "	38 00	"
" 3,	14½ " with Japanned gallery bottoms	45 00	"
" 4,	15½ " " " "	48 00	"
" 5.	16½ " " 44 Wires	50 00	"

MOCKING BIRD CAGES.

Rosewood, 3 in nest	$15 00	per nest.
Black Walnut, 3 in nest	12 00	"

ROBBIN AND BREEDING CAGES.

Stained Wood, 3 sizes in a nest	$4 50	"

CANARY CAGES.

Brass and Osborn's Patent, at best trade rates.

PATENT CAGE AWNINGS.

No. 1, Plain Round	$8 50	per doz.
" 2, Fancy "	9 50	"
" 3, Plain Square	9 50	"

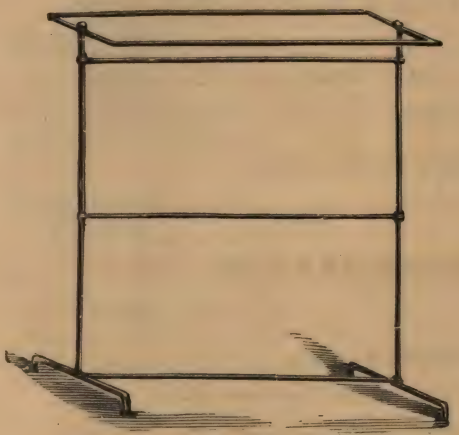
PRICE LIST OF "HET HANKER"

SILK BOLTING CLOTH.

(40 INCHES WIDE.)

No.	00	(equal	to	28	*Mesh*	Wire	Cloth),	$1	40	per yard,	GOLD.
"	0	"	"	30	"	"	"	1	50	"	"	"
"	1	"	"	36	"	"	"	1	55	"	"	"
"	2	"	"	50	"	"	"	1	70	"	"	"
"	3	"	"	54	"	"	"	1	85	"	"	"
"	4	"	"	60	"	"	"	1	90	"	"	"
"	5	"	"	64	"	"	"	2	00	"	"	"
"	6	"	"	70	"	"	"	2	15	"	"	"
"	7	"	"	80	"	"	"	2	30	"	"	"
"	8	"	"	90	"	"	"	2	45	"	"	"
"	9	"	"	100	"	"	"	2	55	"	"	"
"	10	"	"	110	"	"	"	2	70	"	"	"
"	11	"	"	120	"	"	"	3	00	"	"	"
"	12	"	"	125	"	"	"	3	25	"	"	"
"	13	"	"	130	"	"	"	3	75	"	"	"
"	14	"	"	150	"	"	"	4	25	"	"	"
"	15	"	"		"	"	"	4	50	"	"	"
"	16	"	"		"	"	"	4	75	"	"	"
"	9x	"	"	100	"	"	"	3	00	"	"	"
"	10x	"	"	110	"	"	"	3	35	"	"	"
"	11x	"	"	120	"	"	"	3	65	"	"	"
"	12x	"	"	125	"	"	"	4	00	"	"	"
"	9xx	"	"	100	"	"	"	3	50	"	"	"
"	10xx	"	"	110	"	"	"	3	85	"	"	"

Wash Stands and Towel Racks.



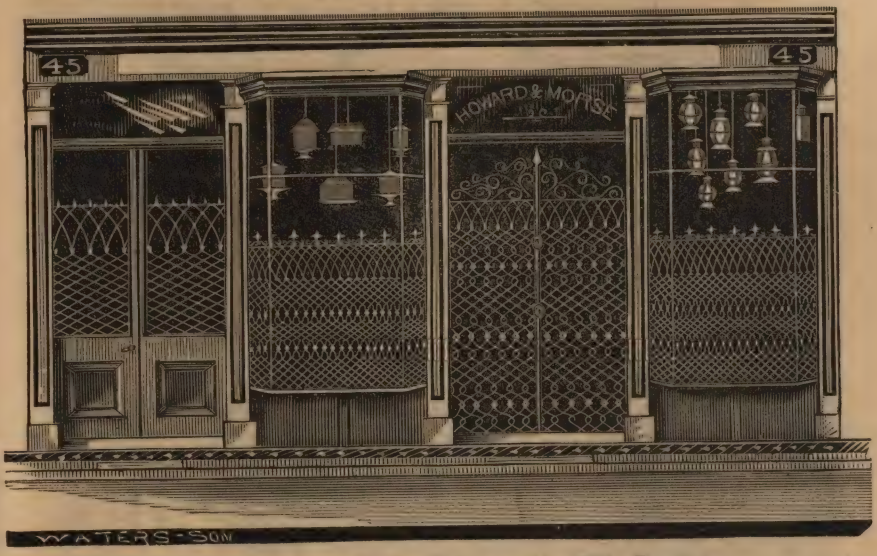
Towel Rack.

Wash Stand.

PRICE OF WASH STANDS AND TOWEL RACKS.

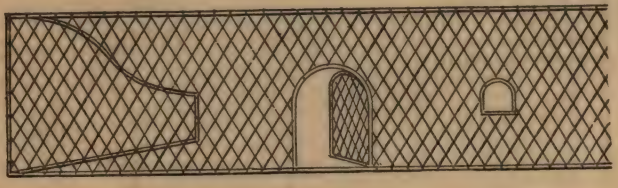
Wash Stands, painted green, (without fixtures)..... $30 00 per dozen.
Towel Racks " ..... 21 00 "

GUARDS UPON OUR NEW YORK STORE FRONT.



No. 11½ Pattern Wire Work on the Side Doors.
" 16 " " Centre "
" 14 " " Windows.

No. 4 PATTERN COUNTER RAILING.—Round Frame.

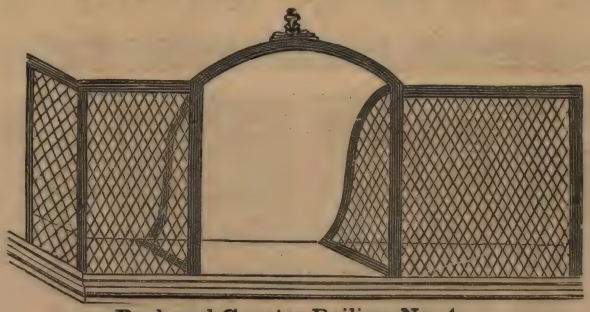


1¼ and 2½ in. diamond, ⅛ in. Wire, ⅜ in. round frame.

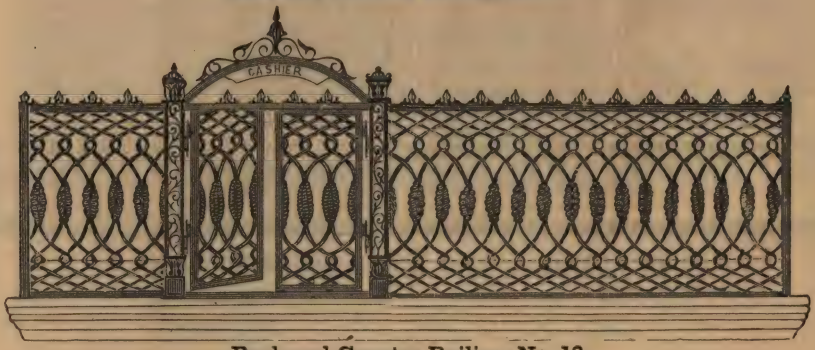
Prices No. 4 PATTERN COUNTER RAILING—Round Frame.

From 6 to 12 inches high				$0.70	cents per running foot.	
" 12 " 20	"	"		0.85	"	"
" 20 " 24	"	"		1.00	"	"
" 24 " 30	"	"		1.25	"	"
" 30 " 36	"	"		1.50	"	"
Extra charge for Pickets				35	"	"
" " "	Rosettes			30	"	"
" " "	Ogee ends and returns				$1.00	each.
" " "	Cash Holes				1.50	"
" " "	Locks on Doors				2.00	"
" " "	Doors				2.50	"

BANK AND COUNTER RAILING.



Bank and Counter Railing, No. 4.



Bank and Counter Railing, No. 12.

PRICES OF BANK AND COUNTER RAILING.

(Doors, Posts, Cash Holes, Ogee Ends, Curves, etc., extra.)

No. 4 or 9 Pattern, 24 in. high, 1 in. Mesh ⅛ Wire, Painted and Bronzed		$2.25	per running foot.		
No. 12 or other Fancy Patterns, 24 in. high, Painted and Bronzed		3.00	"		"
Extra charge for Rosettes		50	"		"
" " " Pickets, cast iron		30	"		"
" " " " wrought iron		1.25	"		"
" " " Doors	from	5.00	to	$10.00	each.
" " " Locks	"	2.00	"	5.00	"
" " " Cash Hole		3.00			"
" " " Curve		2.00			"
" " " Posts	from	1.00	to	3.00	"
" " " Ogee End or return		3.00			"
" " " Arch Top		1.50			"
" " " Sweep Frames		2.00			"
" " " Scrolls	from	5.00	to	20.00	"
" " " Silver Name Plate	"	7.00	to	25.00	"

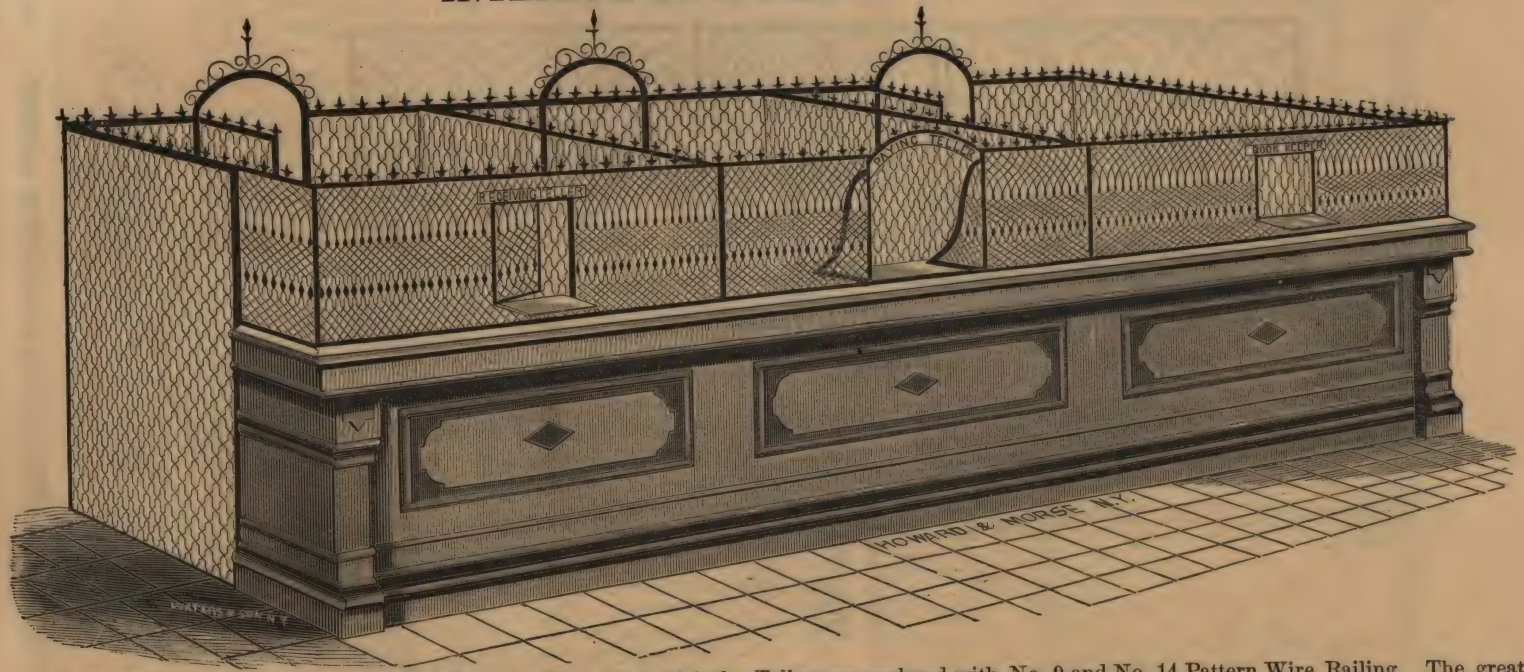
Extra charge for small pieces, or irregular shapes.

When required, a competent man will be sent to take dimensions and give estimate of cost. Work put up when completed at the lowest rates.

This style of Railing is becoming in general use throughout the entire country by Banking Institutions, Insurance Companies, Brokers and Merchants, as a sure protection against those sudden attacks from robbers, to which all tellers and cashiers are constantly exposed while in the discharge of their duties. It admits a free and unobstructed circulation of air and light, and gives a beautiful appearance to the Banking Room or Office that cannot be had in the use of any other railing.

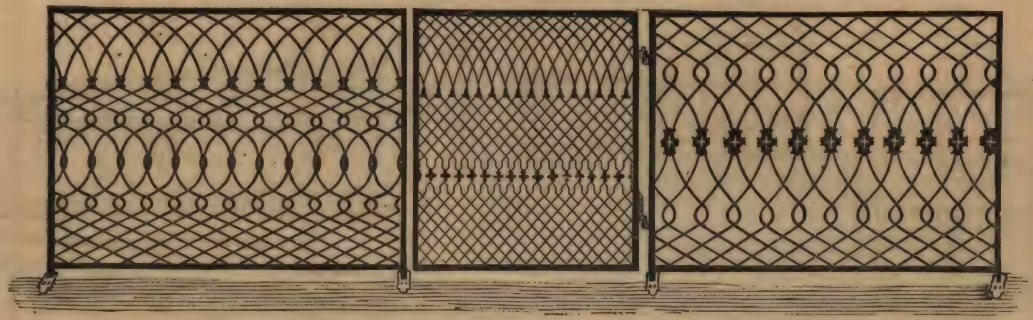
The style and design of the work may be varied to an unlimited degree, so as to suit any taste or position.

INTERIOR OF A BANKING ROOM.



Above we show the interior view of a Banking Room, in which the Tellers are enclosed with No. 9 and No. 14 Pattern Wire Railing. The great advantage in Tellers being thus securely enclosed from intrusion of fellow clerks, or others, is apparent. It is appreciated, and has been adopted by many of the largest Banking institutions in the country.

OFFICE RAILING.

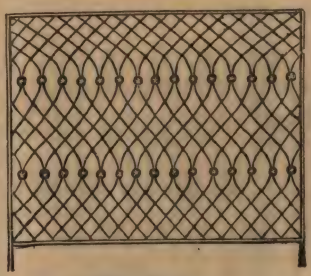


Railing No. 16. Railing No. 14. Railing No. 12

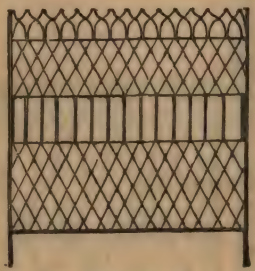
PRICES OF OFFICE RAILING, 32 INCHES HIGH.

No. 4, or No. 9,	as per cut,	Painted and	Bronzed.	1/16	in.	[No.	8]	Wire	2 in. x 4, Diamond	$2	50	per running foot.	
" 4, or No. 9,	"	"	"	1/8	in.	[No.	3]	"	3 in. x 6	2	75	"	"
" 4, or No. 9,	"	"	"	5/16	in.	[No.	0]	"	4 in. x 8	3	00	"	"
" 11,	"	"	"	1/4	in.	[No.	3]	"		3	00	"	"
" 12,	"	"	"	1/4	in.	[No.	3]	"		3	50	"	"
" 12,	"	"	"	5/16	in.	[No.	0]	"		4	00	"	"
" 14,	"	"	"	1/8	in.	[No.	10]	"		4	00	"	"
" 15,	"	"	"	1/4	in.	[No.	3]	"		3	75	"	"
" 16,	"	"	"	1/4	in.	[No.	3]	"		3	75	"	"
Extra charge for Pickets,			cast iron								30	"	"
" "	"		wrought iron							1	25	"	"
" "	Rosettes										30	"	"
" "	Gates									from 6 00 to $10 00 each.			
" "	Posts									2 00 each.			

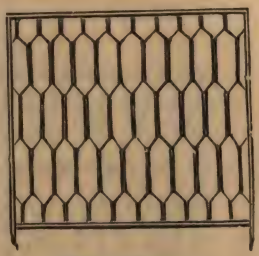
WIRE FENCE GUARDS OR RAILING.



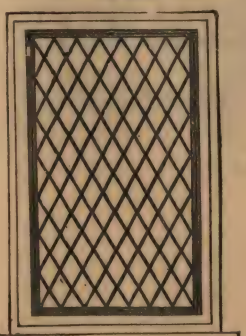
Wire Fence, Guards or Railing, No. 1.



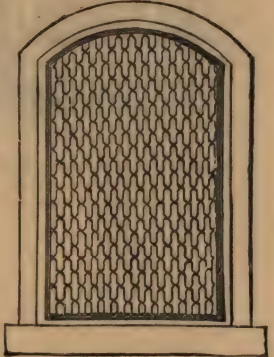
Wire Fence Guards or Railing, No. 2.



Wire Fence, Guards or Railing, No. 3.



Window Guard No. 4.



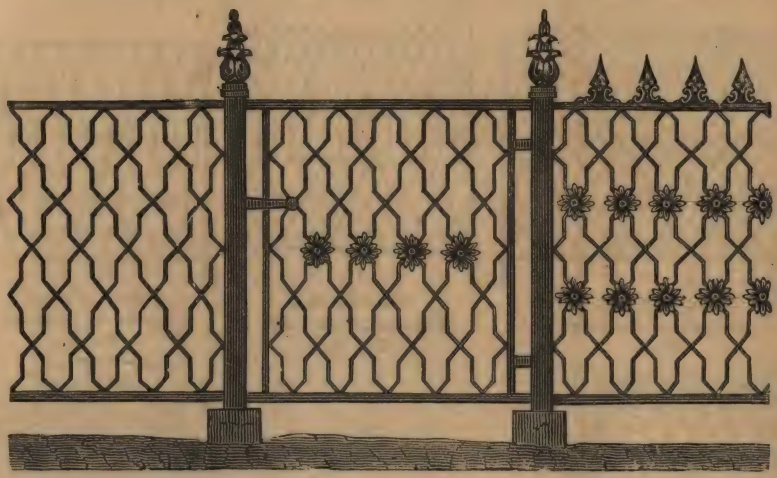
Window Guard, No. 9.

With Pickets

Pickets and one row Rosette.

Wire Fence, Guards or Railing, No. 4.

One row Rosettes. Pickets and two rows Rosettes

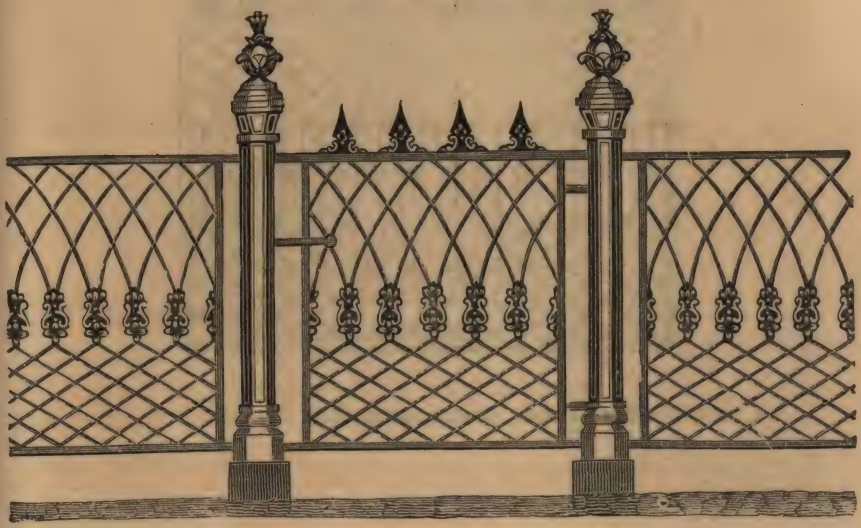


Wire Fence, Guards or Railing, No. 9.

Pickets and one row Rosettes. Pickets and two rows Rosettes.

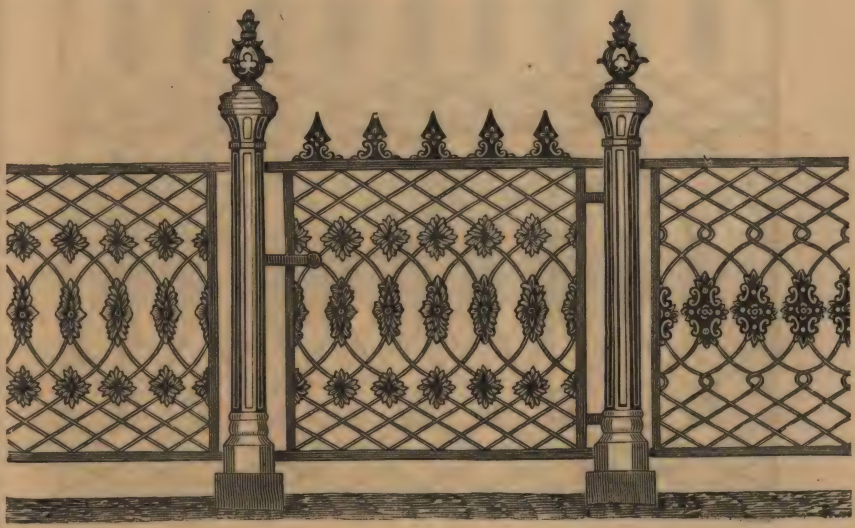
Wire Fence, Guards or Railing, No. 10.

With Pickets.

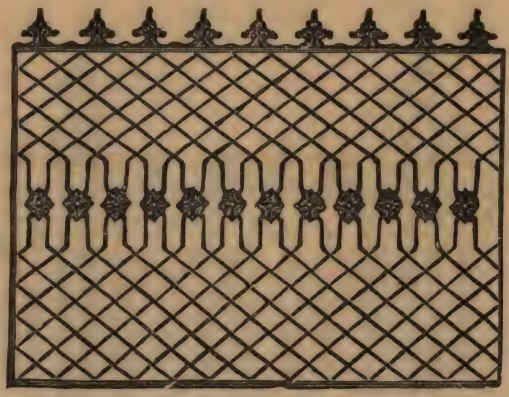


Wire Fence, Guards or Railing, No. 11.

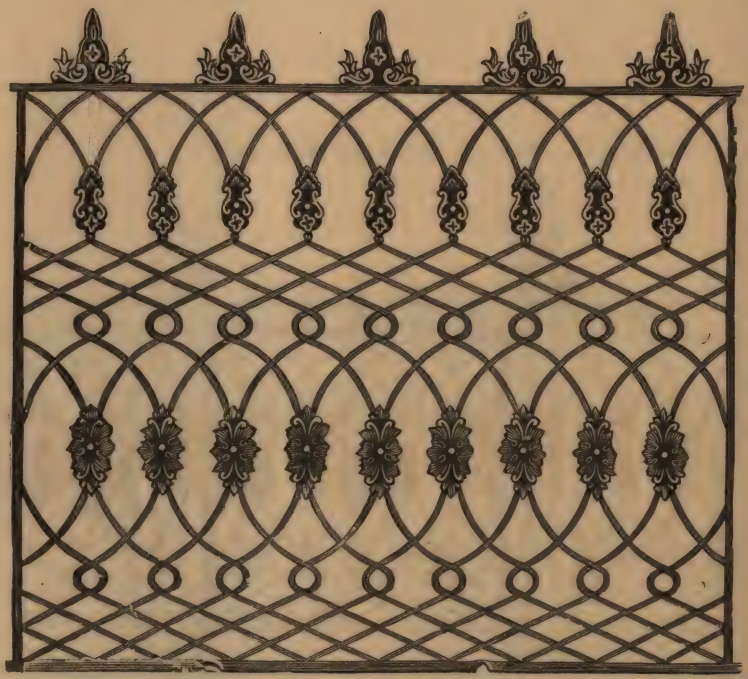
Two rows Rosettes. Pickets and two rows Rosettes.



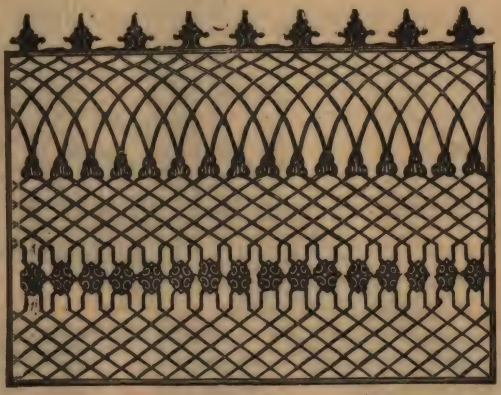
Wire Fence, Guards or Railing, No. 12.



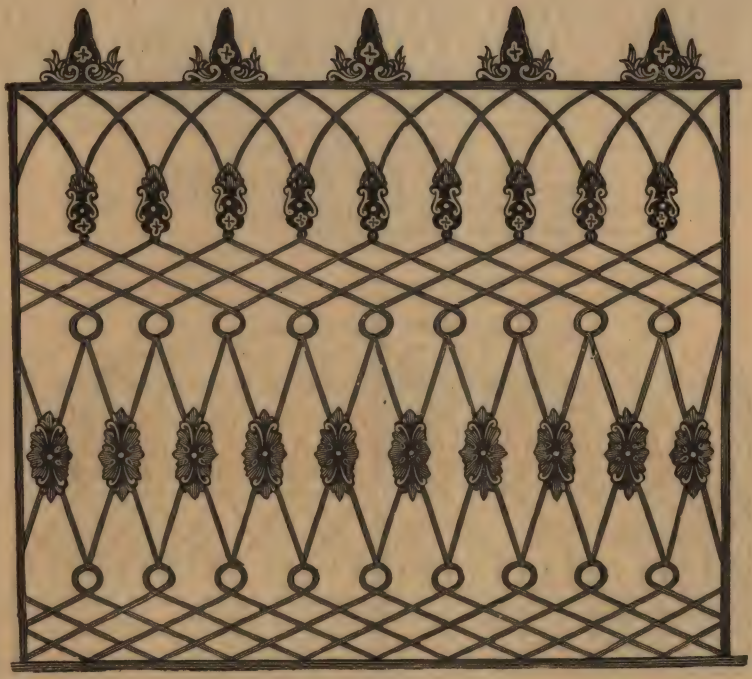
Wire Fence, Guards or Railing, No. 13.



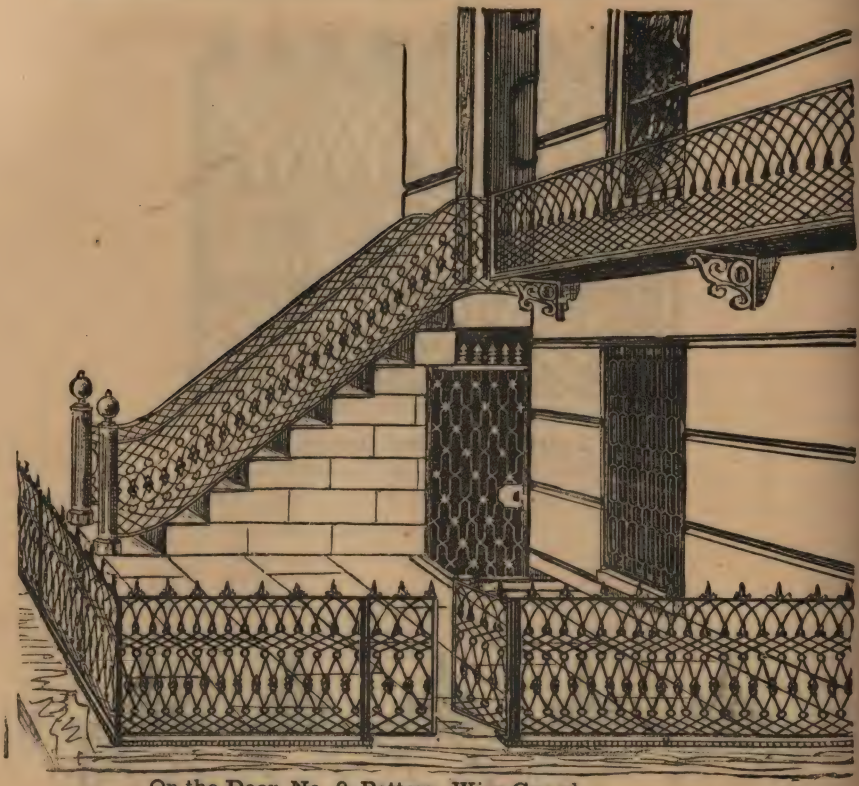
Wire Fence, Guards or Railing, No. [redacted] 16



Wire Fence, Guards and Railing, No. 14.



Wire Fence, Guards or Railing, No. 15



On the Door, No. 9, Pattern, Wire Guard.
On the Balcony, No. 11, Pattern, Wire Railing.
On the Window, No. 53 Pattern, Flat Iron Guard.
Balustrade from No. 12 Pattern Railing.
Fence from No. 15 Pattern Railing.

No. 16 Pattern. Drive Way Gates.

PRICES OF WIRE FENCE, GUARDS OR RAILINGS.

No. 1,	as per cut,	Ptd. & Br'd,	⅛ in.	[No. 8]	Wire	$1.25	per sq. ft.
" 2,	"	"	⅛ in.	[No. 10]	"	0.60	"
" 3,	"	"	7/32 in.	[No. 5]	"	1.25	"
" 4,	"	"	⅛ in.	[No. 10]	"1 in.x2D'd	1.00	"
" 4,	"	"	⅛ in.	[No. 10]	"1½ in.x2½ "	0.90	"
" 4,	"	"	⅛ in.	[No. 9]	"1½ in.x3 "	0.90	"
" 4,	"	"	⅛ in.	[No. 10]	"2 in.x4 "	0.65	"
" 4,	"	"	⅛ in.	[No. 8]	"2 in.x4 "	0.75	"
" 4,	"	"	9/16 in.	[No, 6]	"2 in.x4 "	0.90	"
" 4,	"	"	¼ in.	[No. 3]	"2 in.x4 "	1.15	"
" 4,	"	"	¼ in.	[No. 3]	"2½ in.x5 "	1.00	"
" 4,	"	"	¼ in.	[No. 3]	"3 in.x6 "	0.85	"
" 4,	"	"	5/16 in.	[No. 0]	"4 in.x8 "	1.00	"
" 4,	"	"	⅝ in.	[No. 000]	"4½ in.x9 "	1.25	"
" 9,	"	"	⅛ in.	[No. 10]	"1½ in.x2½ "	1.00	"
" 9,	"	"	⅛ in.	[No. 9]	"1½ in.x3 "	1.00	"
" 9,	"	"	9/16 in.	[No. 6]	"2½ in.x4½ "	0.90	"
" 9,	"	"	¼ in.	[No. 3]	"3 in.x6 "	0.95	"
" 9,	"	"	¼ in.	[No. 3]	"4 in.x8 "	0.85	"
" 9,	"	"	5/16 in.	[No. 0]	"4 in.x8 "	1.10	"
" 10,	"	"	5/16 in.	[No. 0]	"	1.10	"
" 11,	"	"	¼ in.	[No. 3]	"	1.10	"
" 12,	"	"	¼ in.	[No. 3]	"	1.10	"
" 12,	"	"	5/16 in.	[No. 0]	"	1.20	"
" 13,	"	"	⅛ in.	[No. 10]	"	1.10	"
" 14,	"	"	⅛ in.	[No. 10]	"	1.10	"
" 15,	"	"	¼ in.	[No. 3]	"	1.10	"
" 16,	"	"	⅝ in.	[No. 000]	"	1.35	"
" 16,	"	"	5/16 in.	[No. 0]	"	1.20	"
" 16,	"	"	¼ in.	[No. 3]	"	1.10	"

Extra charge for Pickets,	cast iron	30c.	per running foot.
" "	wrought iron	$1.25	" "
"	Rosettes	30	" "
"	Banding	12	per square foot.
"	Cast Iron Posts	from 7.00 to 50.00	each.
"	Single Gates	" 6.00 to 10.00	"
"	Drive way Gates	" 15.00 to 30.00	"
"	Scrolls	" 5.00 to 25.00	"

Extra charge for Small Pieces or Irregular Shapes.

Fencing, Railing, Guards, Wire Cloth, etc., galvanized at from 6 to 10 cents per pound.

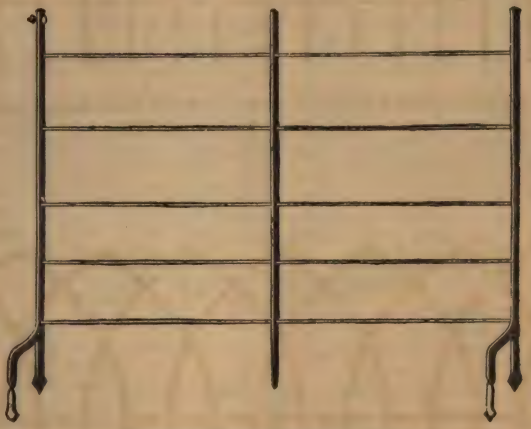
When required a competent man will be sent to take dimensions of Store Fronts, Guards, Railing or Fencing, and give estimate of cost. Work put up when completed at the lowest rates.

Above please find cuts showing several styles of our ORNAMENTAL WIRE FENCING, for Gardens, Parks and Pleasure Grounds, where a more elegant and durable fence is required than the Twist Mesh. Being very strong and ornamental, it is becoming extensively used for Grounds surrounding gentlemen's Country Seats and Villas.

It is in general use in Europe, and is rapidly being adopted in this country, as its merits are appreciated by the people.

WROUGHT IRON HURDLES.

Wrought Iron Hurdles, No. 7.



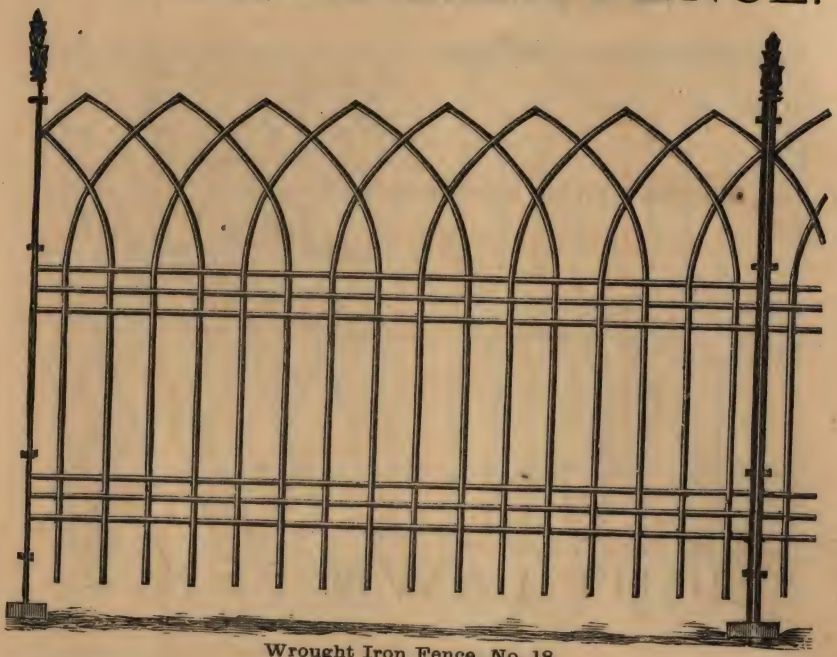
Wrought Iron Hurdles, No. 8.

We show two styles of HURDLES which are made in great variety of design and pattern. They are made in sections of 6 ft. long by 48 inches high, with feet or prongs to run in the ground 12 inches. The sections are strongly bolted together at the top and bottom with screw bolts, making the most substantial and ornamental Portable Fence in use. It is easily put up, and can be painted in a variety of ways to beautify and preserve it.

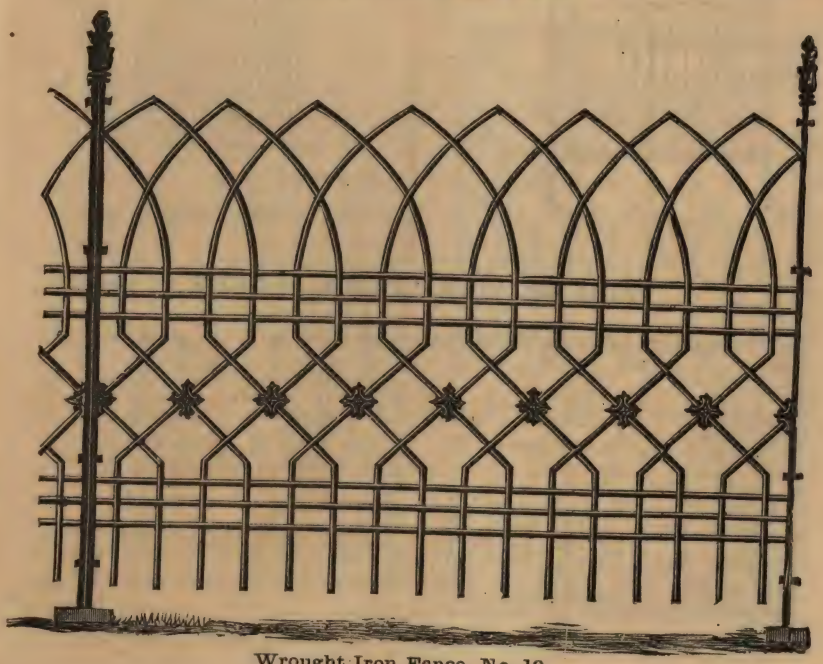
Prices of Wrought Iron Hurdles.

Section 48 in. x 6 ft., as shown in Cut No. 7	$7.00	each.
" 48 in. x 6 ft., " " " " " " 8	4.00	"
" 48 in. x 6 ft., covered with Diamond Work	8.50	"

WROUGHT IRON FENCE.



Wrought Iron Fence, No. 18.



Wrought Iron Fence, No. 19.

PRICE OF WROUGHT IRON FENCE.

No. 18 Pattern, as per cut, 4 in. space, ⅜ in. Rods, 3½ ft. high, $1.75 per foot.
" " " " " 4 " 2.00 "
" 19 " " " " 3½ " 2.25 "
" " " " " 4 " 2.50 "

Posts, with caps, as per cut, bolted together----------

LIGHT LAWN FENCE.

Light Lawn Fence, No. 5.

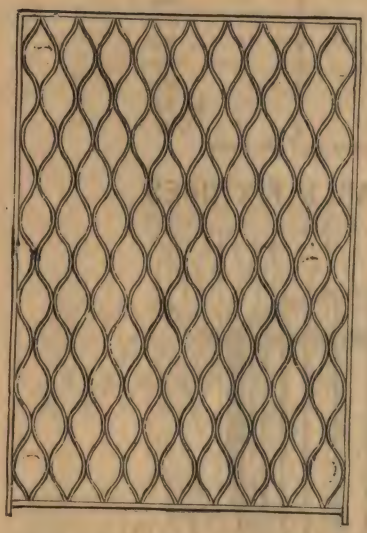
Light Lawn Fence, No. 6.

PRICE OF LIGHT LAWN FENCES.

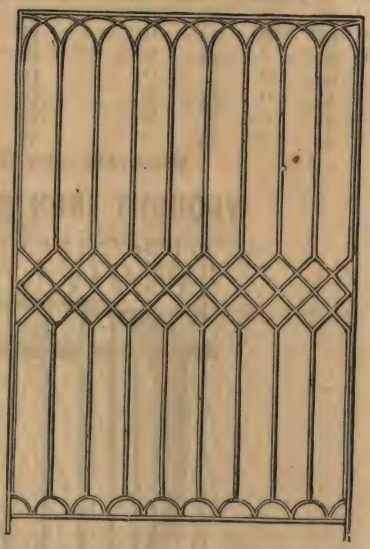
No. 5 Pattern, 3 feet high, ⅛ inch wire, 3 inch space at the top, $1 40 per yard.
" " " 4 " " " " " 1 80 "
" 6 " 3 " " " " " 1 35 "
" " " 4 " " " " " 1 75 "
Diamond....3 " " " Mesh.....3 00 "
" .....4 " " " " .....4 00 "

These Lawn Fences are made in continuous lengths, and for the convenience of shipping can be rolled up in the same manner as the Galvanized Twist Netting. They are intended to be stapled to wood or fastened upon inch square iron posts. For a light Fence between gardens or pleasure grounds they are very popular, and very much used when a cheaper fence is required than we show in cuts from No. 1 to No. 19 Pattern.

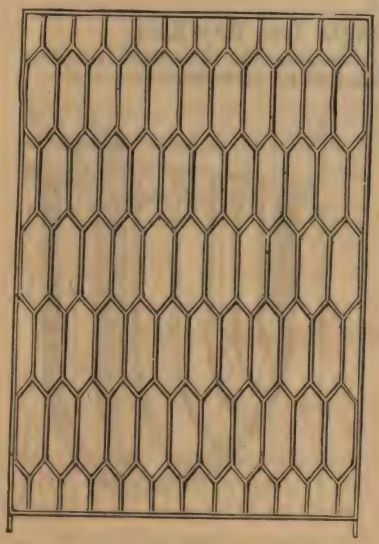
FLAT WROUGHT IRON GUARDS.



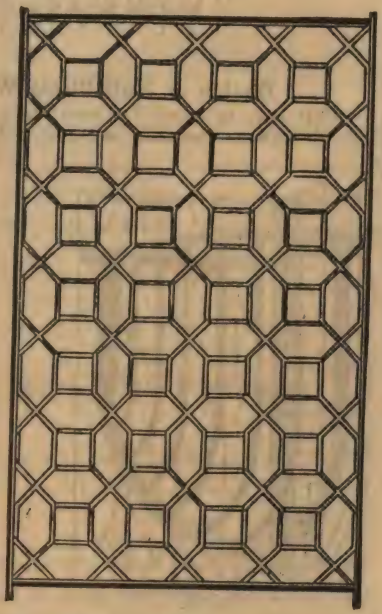
No. 51 Pattern, Flat Iron Guard.



No. 52 Pattern. Flat Iron Guard.



No. 53 Pattern, Flat Iron Guard.



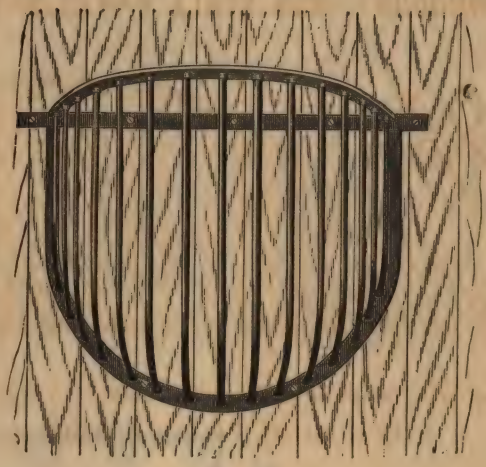
No. 54 Pattern, Flat Iron Guard.

PRICE OF FLAT WROUGHT IRON GUARDS.

No.	51	Pattern,	3	inch	Mesh, No.	12	Gauge by	$\frac{1}{8}$	inch Iron, 80c. per sq. foot.
"	51	"	$3\frac{1}{2}$	"		12	"	$\frac{1}{8}$	" 80c. "
"	52	"	3	"		12	"	$\frac{5}{8}$	" 85c. "
"	52	"	$3\frac{1}{2}$	"		12	"	$\frac{5}{8}$	" 85c. "
"	53	"	3	"		12	"	$\frac{5}{8}$	" 90c. "
"	53	"	$3\frac{1}{2}$	"		12	"	$\frac{5}{8}$	" 90c. "
"	54	"	3	"		12	"	$\frac{5}{8}$	" $1.00 "
"	54	"	$3\frac{1}{2}$	"		12	"	$\frac{5}{8}$	" 1.00 "

Extra charge for Rosettes and Pickets.

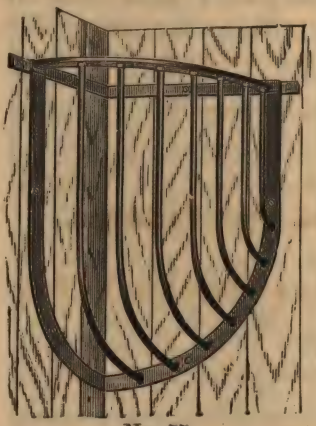
WROUGHT IRON STABLE FIXTURES.



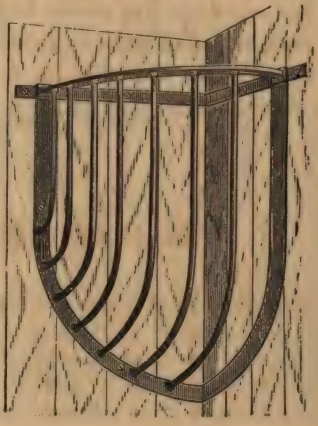
No. 54.

Double or Half Circle Wrought Iron Hay-Rack.

This can be used for two stalls by running the open-work partition through between the bars, bringing half the rack on each side.



No. 55.



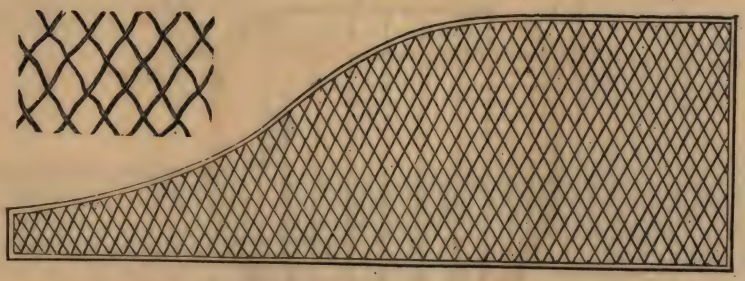
No. 55.

Single or Corner Hay-Rack, Left hand. Single or Corner Hay-Rack, Right hand.

PRICE OF WROUGHT IRON HAY RACKS.

No. 54, Double, 32 inches by 32 inches.....$11 00 each.
With rabbit on top bar to take ceiling boards for Hay Chute... 2 00 extra.
No. 55. Single, 16 inches by 32 inches..... 7 50 each.
With rabbit on top bar to take ceiling boards for Hay Chute... 1 50 extra.

WROUGHT IRON STALL PARTITIONS.



Crimped Wire Work Stall Partition, in Groved Iron Frame.
2 INCH MESH, 3-16 INCH WIRE.

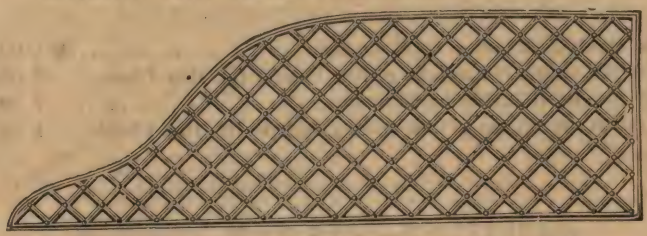
It was formerly thought necessary to make all stall partitions of cast iron, but experience has proved wrought iron to be much better and eventually cheaper, although the original cost is greater. The cast iron ones are liable to get broken and injure the horses. We, however, still furnish the cast iron when desired.

Price of Crimped Iron Work Stall Partitions.

30 inch by 7 feet 0 inch=17 feet 6 inch, at 90c. per square foot..$15 75 each.
" 7 " 6 " =18 " 9 " " " " .. 16 88 "
" 8 " 0 " =20 " 0 " " " " .. 18 00 "
" 8 " 6 " =21 " 3 " " " " .. 19 11 "
" 9 " 6 " =22 " 6 " " " " .. 20 25 "

Wire Work for Box Stalls, same as in Stall Partitions, 30 inches high, length to suit, $2.25 per running foot.

CAST IRON STABLE FIXTURES.

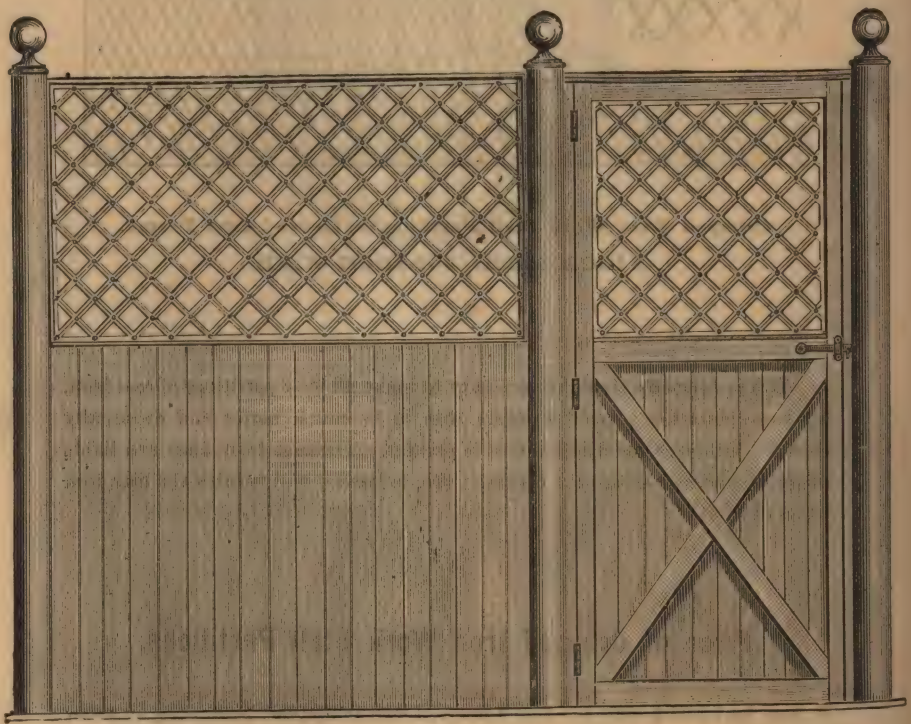


No. 0, Stall Partition.

7 feet long, 2 feet 4 inches wide. Flange whole length of lower edge.

This is a very desirable pattern for Livery Stables, Railroad Stables, and for refitting old stables. The finish at the narrow end, allows it to be used for any depth of stall. This, as well as all others of our make, has a flange the whole length of the lower edge.

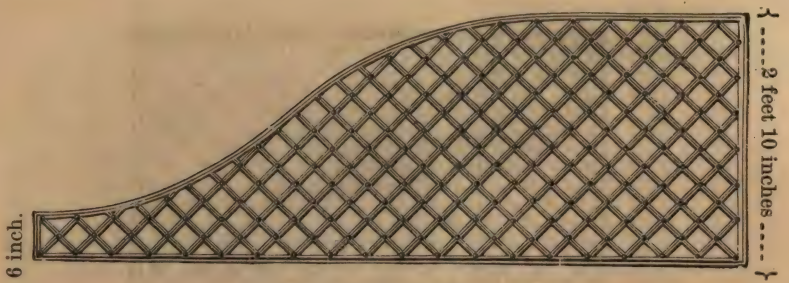
Price.....$6 50 each.



No. 2.

Grating for box stalls, of same pattern as the ogee partition, No. 1, made in lengths as required, up to 12 feet in one piece, which is as long as is ever needed, and of different widths, as follows: 2, feet, 2 feet 4 inches, and 2 feet 10 inches.

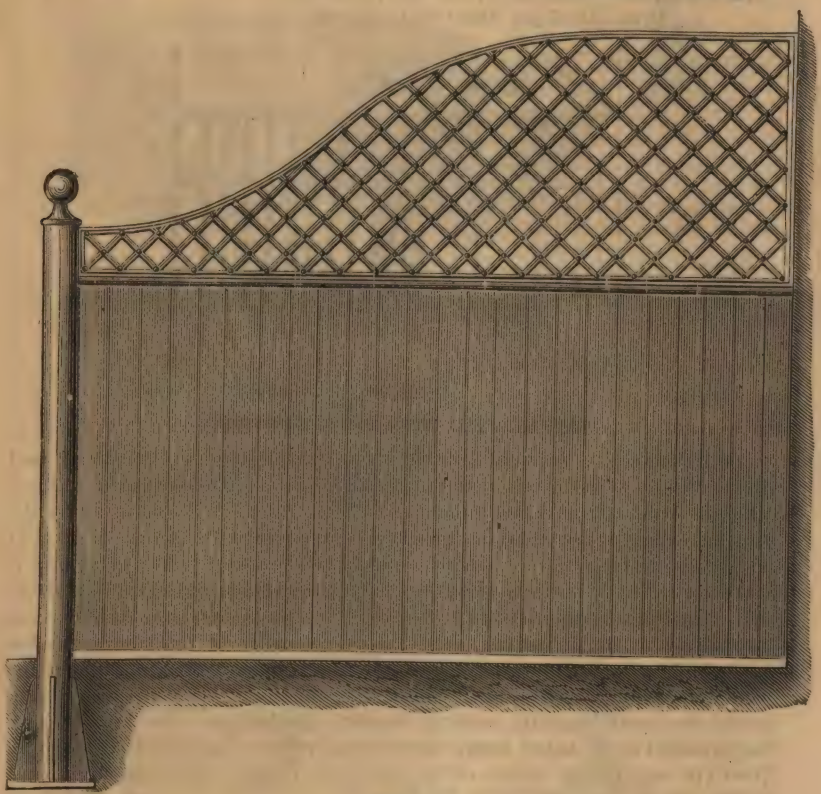
Prices per lineal foot: 2 feet 10, $1.85; 2 feet 4, $1.75; 2 feet, $1.60. Door pieces at same rate.



No. 1 Stall Partition.

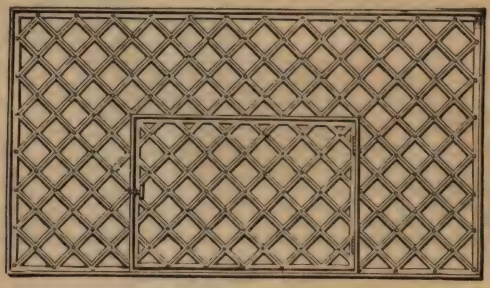
Ogee open-work, ventilating Stall Partition, with flange 1½ inches wide the whole length of lower edge; different lengths as follows:

7	feet	6	inches	by 2	feet	10	inches, at wide end ..... $9.75 each.
7	"	9	"	"	"	"	" ..... 10.00 "
8	"	0	"	"	"	"	" ..... 10.50 "
8	"	3	"	"	"	"	" ..... 11.00 "
8	"	6	"	"	"	"	" ..... 11.50 "
9	"	0	"	"	"	"	" ..... 12.00 "
9	"	3	"	"	"	"	" ..... 12.50 "



No. 13.

Open-work ventilating Partition, shown in position, in connection with Iron steel Post, No. 21, Iron Capping Rail No. 3, and wood-work.

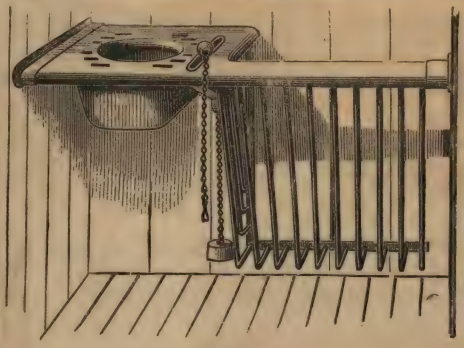


No. 8.

HEAD GRATING, WITH FEEDING DOOR.

By some a feeding passage, four or five feet wide at the head of the stall, is approved, and where there is sufficient room to allow it, it is certainly desirable; in such cases a grating like the above, with door for feeding through, is a great improvement, and makes a good appearance in carrying out the iron work, with same finish as open-work partitions.

Price, $1.85 per lineal foot, with $3.00 extra for door.

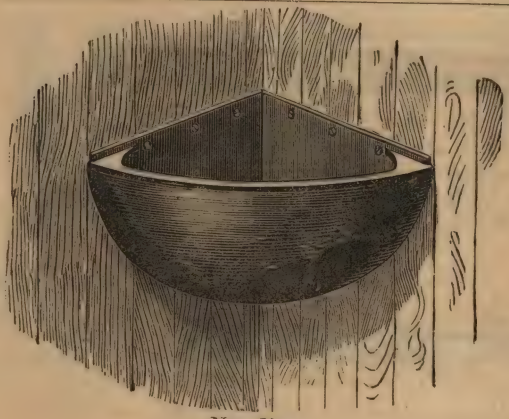


No. 5.

IMPROVED MANGER FITTING.

With capacious wrought iron hay-rack. Food guard to oat manger, and sliding flanges at both ends of top plate, allowing easy adjustment to stalls of different widths, from 4 feet 6 inches to 5 feet 2 inches. In addition to the shoe fastenings at the ends, the top plate is supported by a strong bracket in the center, making it proof against accidents by breaking. The tying apparatus attached to this crib is an acknowledged improvement over all others in use. The horse is not fastened to the manger, but the chain or halter works through a long slit in the top plate and over a roller in the centre bracket (made hollow for the purpose), which holds back the halter weight close to the wall; the weight is protected by an india-rubber buffer on the top, which breaks the shock when the halter is suddenly pulled up. The india-rubber ball attached to the halter above the top plate relieves the horse of the weight. It will be seen that by means of the bracket and roller the horse is fastened directly to the wall, and not to the top plate or manger, and that friction is almost entirely overcome.

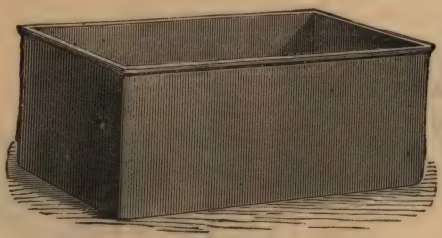
Price, including halter chain.....$36 00 each.



No. 35.

Corner Manger.

With inside Flange and Food Guard. 18 in. out to out, and 11 in. deep.....Price $3.25 each.



No. 36.

Drinking Trough for Horses.

36 in. long, 20 in. wide, 17 in. deep, with outlet in bottom and overflow in end. Price $15.50 each.

No. 14.

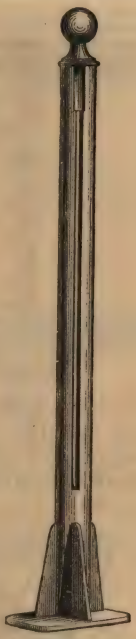
Manger or Feed Box.

With Food Guard and Hitching Ring. 21 in. long, 12 wide, 9½ deep.....Price $5.50 each.

No. 15.

Plain Manger or Feed Box.

22 in. long, 15½ wide, 9½ deep.
Price.....$3.50 each.

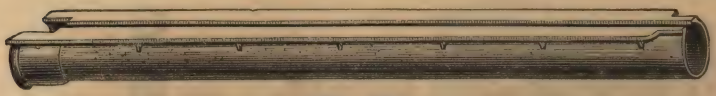


No. 21..

Cast Iron Groved Post, with Leg 2 ft. long to fasten in the ground.
Price.....$12.50 each.

No. 22.

Cast Iron Grooved Post, with flanged bottom, to be fastened to the floor with long bolts and nuts.
Price.....$10 50 each.



No. 10.

Four inch Drain Pipe.

Believed to be the best ever introduced. It can be laid flush with the floor, whether of wood or brick, and is easily kept clean, by means of a scraper inserted in the narrow opening in the top.

Price.....$1.35 per foot.

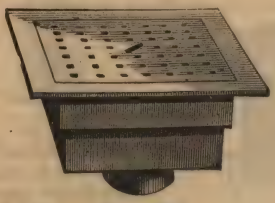
No. 17.
Plain..$10.50.
Bronzed, 12.50.

No. 7.

Half Round Gutter.

For Roofs. Easily put up on brackets or holdfasts (No. 27), forming a cheap and indestructible gutter.

Price, including brackets.....40 cts. per foot.

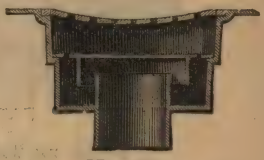


No. 37.

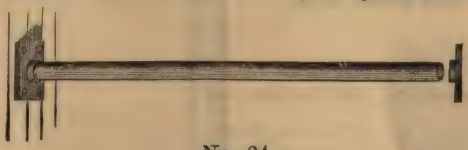
Cess Pool.

Double trap for brick or wood floor, and carriage washing. Very heavy

Price.....$6.00 each.



No. 37.
Showing Section of Trap.



No. 24.

Nibbing Roller

For wood fittings, 3 in. diameter, cut to any length for wood mangers.

Price, with end sockets.....$4.50

No. 27.

Bracket.

Or Holdfast for putting up iron gutter No. 7.

No. 25.

Lion's Head Hitching Ring.

Japanned.

Price.....85 cents.

No. 28.

Plain Hitching Ring.

Japanned.

Price.....60 cents.

No. 30.

Wet Sponge Basket.

Large size. 13½ in. long, 7½ in. wide.

Japanned.

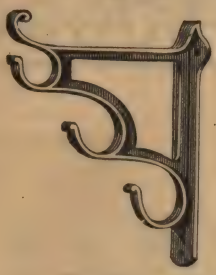
Price.....$1.75 each.

No. 29.

Pole Hooks.

Japanned.

Price.....$2.50 per pair.



No. 31.

Washing and Oiling Bracket.

Japanned.

Price.....$1.25 each.

No. 8.

Saddle Bracket.

Japanned.

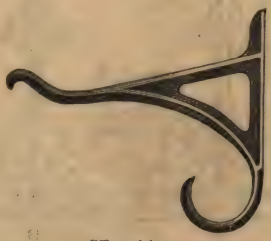
Price.....$1.35 each.

No. 34.

Bracket for Blanket Rollers.

Japanned.

Price.....$2.00 per pair.



No. 11.

Harness Bracket.

Japanned.

Price.....$1.35 each.

CRESTINGS AND FINIALS FOR MANSARD ROOFS.

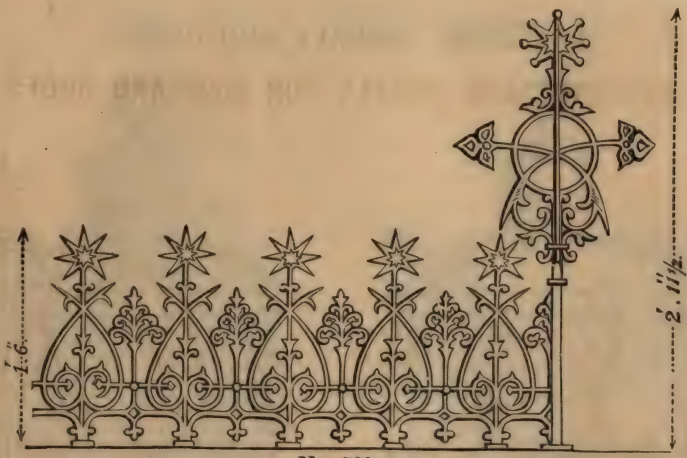
No. 508.

Price of No. 508 Cresting per foot lineal $1.50
" Finials each 3.85

No. 503.

Price of No. 503 Cresting per foot lineal $1.40
" Finials each 3.75

One Finial allowed with every 25 ft. Cresting. Extra Finials at prices named.

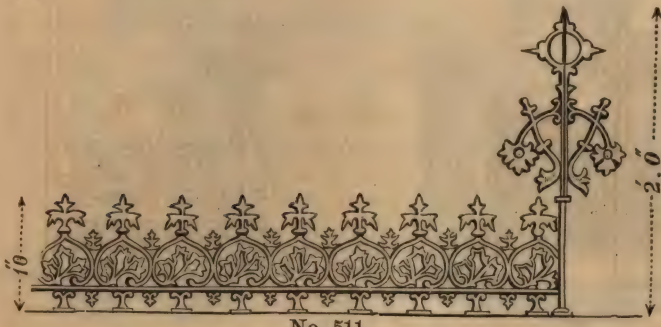


No. 509.

Price of No. 509, Cresting per foot lineal.....$1.15
" Finials each..... 3.75

No. 510.

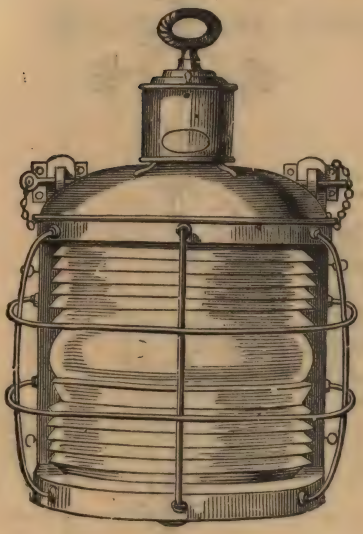
Price of No. 510, Cresting per foot lineal.....$1.00
" Finials each..... 3.25



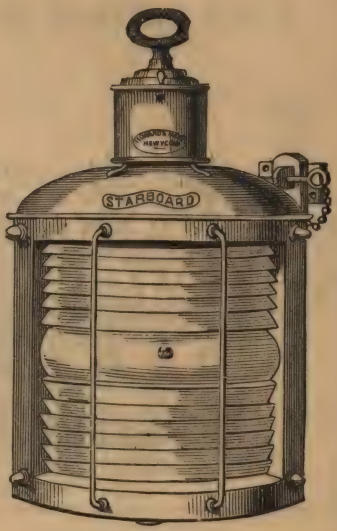
No. 511.

Price of No. 511, Cresting per foot lineal.....$0.60
" Finials each..... 3.25

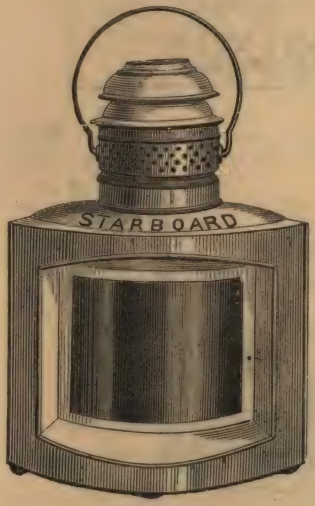
LANTERNS, SIGNALS AND GLASS.



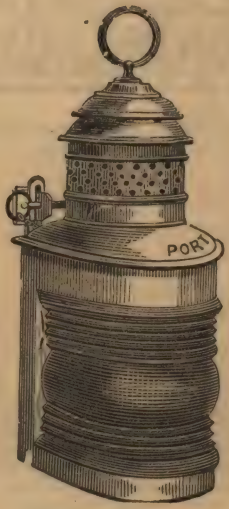
Bowsprit.
Navy Regulation.



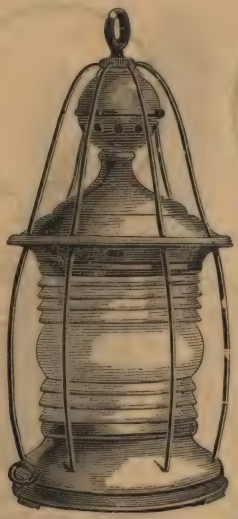
Port and Starboard.
Navy Regulation.



English Style.
Port and Starboard.

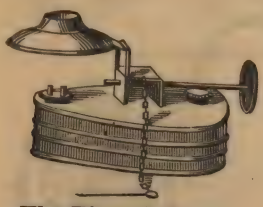


Cat-Head Fresnel.
Port and Starboard.



Fresnel Mast-Head Signal.

Side Binnacle Lamp.



Flat Binnacle Lamp.

Brass Oil Drainers and Oilers.
12 inches by 16 inches.

PRICE OF RUNNING LIGHTS.

Bowsprit, Brass Navy Regulation	$38.00 each.
Port and Starboard, Brass Navy Regulation	54.00 per pair.
" " " Cat Head Fresnel	22.00 "
" " Jap'd " "	13.00 "
" " " English Style	7.50 "

PRICE OF SIGNALS.

Fresnel Mast-Head Signal, Zinc, White	$5.00 each.
" " " " Red and Green	7.00 "
" " " Brass, White	7.00 "
" " " " Red and Green	8.50 "

PRICE OF BINNACLE LAMPS.

Flat Brass Lamp ..... 13.00 per doz. | Side Brass Lamps ..... 7.50 per pair.

PRICE OF DRAINERS, FILLERS AND OILERS.

12 x 16 inch Brass Drainer, Oilers and Fillers ..... $15.00 per set.

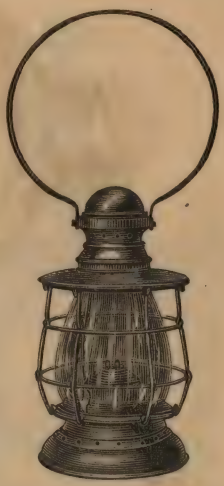
Quart Brass Fillers	$21.00 per doz.	Pint Brass Fillers	18.00 per doz.
No. 1 Oiler Brass	9.00 "	No. 1 Zinc	4.00 "
" 2 " "	7.00 "	" 2 "	3.50 "
" 3 " "	6.00 "	" 3 "	3.00 "

PRICE OF GALVANIZED ENGINE LAMPS.

Galvanized Iron, Sperm Oil Burner ..... $36.00 per gross.

No. 4, Egg, Brass Conductor's Lantern.

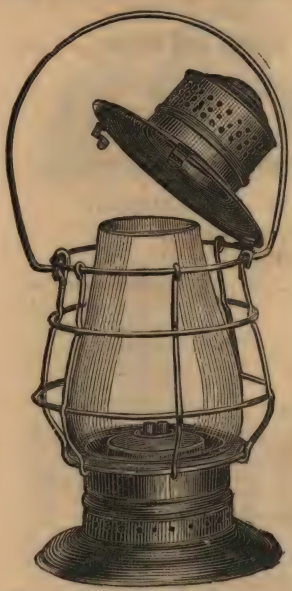
No. 5, Egg, Brass Conductor's Lantern.



Star, Brass Conductor's Lantern.

PRICE OF CONDUCTORS' LANTERNS.

No. 4, Egg, Brass....$42.00 per doz. | No. 5, Egg, Brass.....$57.00 per doz.
Star Brass Conductor, Loose Glass, as per cut..... 54.00 "



No. 1, Star R. R. Lantern.

No. 2, Star Lantern.

PRICE OF STAR LANTERNS.

No. 1,	Brass R. R.	White Glass,	Sperm Oil	Burners,	as per cut,	$36.00	per doz.
" 2,	" Hand	"	"	"	"	30.00	"
" 1,	Tin Railroad,	"	"	"	"	13.50	"
" 1,	" "	Ruby "	"	"	"	22.50	"
" 1,	" "	Green "	"	"	"	21.00	"
" 1,	" "	Blue "	"	"	"	20.00	"
" 2,	" Hand,	White "	"	"	"	12.00	"

H. & M. Star Lantern with Candle Socket, Sperm and Kerosene Oil Burners.

We claim it to be the Best Burning Kerosene Oil Lantern to be found in the Market for the money. From the peculiar formation of the Patent Lamp or Oil Cup, the air is prevented from coming in contact with the flame, therefore IT CANNOT BE BLOWN OUT. The draft arrangement is so perfect as to prevent the glass from becoming smoked or discolored. We can warrant it to give perfect satisfaction.

PRICE OF H. & M. STAR LANTERN.

Tin, Complete with 3 Burners, as per cut.....$9.00 per doz.

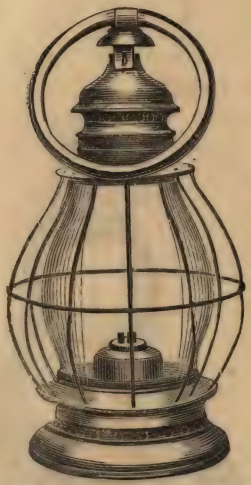
Police Lantern.

PRICE OF POLICE LANTERNS.

No. 1, Japanned.....$15 00 per doz. | No. 2. Japanned....$11 00 per doz.

PRICE OF FIREMAN'S TRUMPETS.

17 inches long, Brass, 3 Rings, Regulation Size.....$60 00 per doz.



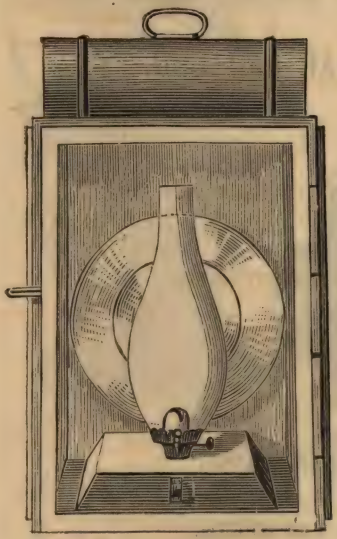
Fire Department Lantern.
12 Guards.

Star Fire Department Lantern.
Extra Heavy.

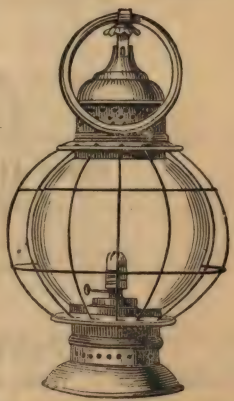
PRICE OF FIRE DEPARTMENT LANTERNS.

TWELVE GUARDS.

No. 1½, Egg, Brass	$50 00	per doz.
" 1½, " " Extra Heavy Mountings	75 00	"
" 1½, " " " " " Star Patent	85 00	"



Station Lantern.



Globe Lantern, Extra Large.
12 Guards and 2 Rings.

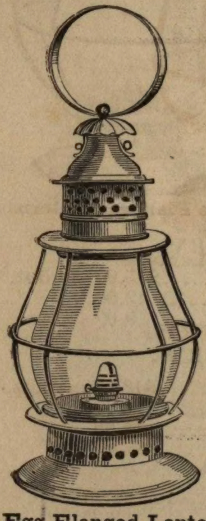
PRICE OF STATION LANTERNS.

8 inch,	Brass	$ 80 00	per doz.	Japanned	$42 00	per doz.
10 "	"	95 00	"	"	50 00	"
12 "	"	120 00	"	"	60 00	"
14 "	"	160 00	"	"	78 00	"
16 "	"	190 00	"	"	96 00	"

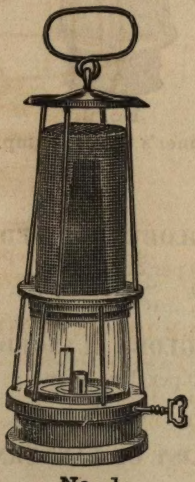
PRICE OF GLOBE FLANGED EXTRA LARGE.

TWELVE GUARDS AND TWO RINGS.

No. 00,	Globe, Brass	$87 00	per doz.	Tin	$54 00	per doz.
" 0,	" "	69 00	"	"	42 00	"
" 1,	" "	45 00	"	"	30 00	"
" 2,	" "	38 00	"	"	20 00	"



Egg Flanged Lantern.



No. 1,
Miner's Safety Lamp.

Egg Guarded Lantern.

PRICE OF EGG FLANGED LANTERNS.

No. 1,	Egg, Brass	$33.00	per doz.	Tin	$18.00	per doz.
" 1½,	" "	27.00	"	"	15.00	"
" 2,	" "	24.00	"	"	12.00	"

PRICE OF MINER'S SAFETY LAMPS.

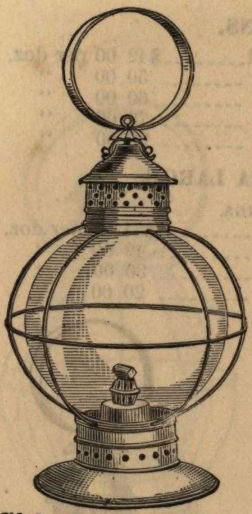
No. 1,	Brass Mounted, as per cut	$72.00 per doz.
" 2,	Galvanized Iron	21.00 "

PRICE OF EGG GUARDED LANTERNS.

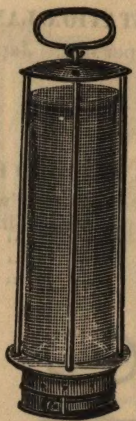
No. 1,	Egg, Brass	$30.00	per doz.	Tin	$15.00	per doz.
" 1½,	" "	24.00	"	"	12.00	"
" 2,	" "	19.00	"	"	9.00	"
" 3,	" "	18.00	"	"	8.50	"

PRICES OF EXTRAS.

Extra Guards on	Brass Lanterns	$1.00	per doz.	net each.
" "	Tin "	50	"	"
Wiring the Guards, each		50	"	"
Kerosene Oil Burners		1.00	"	"
Engraving Names on Lantern Glass		1.50	each.	"
" Initials of Railroad Companies		5	a letter.	"



Globe Guarded Lantern.



No. 2.
Miner's Safety Lamp.

Globe Flanged Lanterns

PRICES OF GLOBE GUARDED LANTERNS

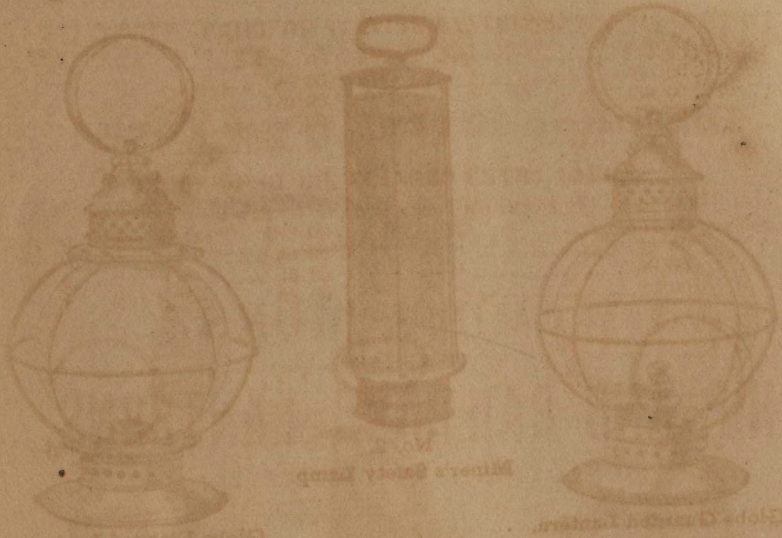
No. 1, Globe Brass	$30.00 per doz.	Tin	$15.00 per doz.
" 2, " "	24.00 "	" "	12.00 "
" 3, " "	19.00 "	" "	9.00 "

PRICES OF GLOBE FLANGED LANTERNS.

No. 1, Globe Brass	$33.00 per doz.	Tin	$18.00 per doz.
" 2, " "	27.00 "	" "	15.00 "
" 3, " "	24.00 "	" "	12.00 "

PRICE LIST OF LANTERN GLASS.

Ruby Fresnel		$2.75 each.
Green "		2.25 "
White "		1.60 "
Ruby "	cut in half Sections	1.85 "
Green "	" " "	1.40 "
No. 1, Egg, Hand Make,	from 2 to 3 lbs. each	20 per lb.
" 1½, " " "	" 1½ " 1¾ "	20 "
" 2. " " "	" 1 " 1½ "	20 "
" 1. Globe, " "	" 2 " 3 "	20 "
" 2. " " "	" 1½ " 2 "	20 "
" 3. " " "	" ¾ " 1½ "	30 "
" 4, Egg, " "		3.50 per doz
" 5, " "		4.00 "
StarConduct'r " "		4.00 "
No. 1½, Egg. Moulded		2.50 "
" 2, " "		2.00 "
" 3, " "		1.60 "
" 2, Globe, "		2.50 "
" 3, " "		2.00 "
" 2, Egg, "	Ruby	9.00 "
" 2, " "	Green or Blue	7.00 "
Star		2.50 "
"	Ruby	8.00 "
"	Green or Blue	6.00 "
H. & M. Star, "		1.65 "
Conductor, Ruby and White		27.00 "
" Green " "		18.00 "



NATIONAL WIRE AND LANTERN WORKS,

WAREHOUSE:

45 Fulton Street, New York.

MANUFACTORY:

Nos. 1197, 1199, 1201, 1203, 1205, 1207, 1209, & 1211 De Kalb Ave., Brooklyn, N.Y.

ESTABLISHED 1856.

HOWARD & MORSE,

MANUFACTURERS OF

SHIP AND RAILROAD LANTERNS,

SIGNAL LIGHTS, REFLECTORS, Etc.

ALSO

Brass, Copper and Iron Wire Cloth,

RIDDLES, COAL AND SAND SCREENS,

WIRE WORK, WIRE FENCE, RAILING AND GUARDS,

WIRE WINDOW SCREENS,

Wire Cloth for Sugar, Milk and Rosin Strainers, Dutch Wire Cloth, Duster Wires, Wire Bolting Cloth, Etc.